



# Agricultural Prices

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## Special Note

Starting with the October 2022 publication, the beef cattle prices for 2020-2022 on page 9 only reflected steers & heifers. The table has been corrected with this publication to reflect all beef cattle prices (cows and steers & heifers). Quick Stats data were correct for all beef cattle prices and steers & heifers prices.

## December Prices Received Index Up 3.1 Percent

The December Prices Received Index 2011 Base (Agricultural Production), at 137.7, increased 3.1 percent from November and 22 percent from December 2021. At 128.6, the Crop Production Index was up 1.1 percent from last month and 21 percent from the previous year. The Livestock Production Index, at 150.4, increased 4.9 percent from November, and 25 percent from December last year. Producers received higher prices during December for eggs, celery, soybeans, and cattle, but lower prices for lettuce, milk, hogs, and cauliflower. In addition to prices, the volume change of commodities marketed also influences the indexes. In December, there was increased monthly movement for eggs, milk, broilers, and lettuce, and decreased marketing of corn, grapes, soybeans, and calves.

## December Prices Paid Index Unchanged

The December Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 137.1, is unchanged from November 2022 but up 9.6 percent from December 2021. Higher prices in December for feeder pigs, other services, feeder cattle, and herbicides offset lower prices for diesel, gasoline, LP gas, and complete feeds.

## Prices Received, Prices Paid, and Ratio of Prices Received to Prices Paid Indexes 2011 Base – United States: December 2022 with Comparisons

Index Group	December 2021 (percent)	November 2022 (percent)	December 2022 (percent)
Prices received by farmers .....	112.7	133.5	137.7
Prices paid by farmers .....	125.1	137.1	137.1
Ratio of prices received to prices paid .....	90	98	101

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## December Prices Received by Farmers

**Crop production:** The December index, at 128.6, is 1.1 percent higher than November and 21 percent higher than December 2021. The grain & oilseed index increase more than offset the vegetable & melon, fruit & tree nut, and other crop index decreases.

**Grain and oilseed:** The December index, at 113.6, is up 2.4 percent from November and 16 percent from December 2021. The feed grain, food grain, oilseed indexes all increased.

**Feed grain:** The December index, at 110.1, increased 1.4 percent from last month and 20 percent from a year ago. The corn price, at \$6.58 per bushel, is up 9 cents from last month and \$1.11 from December 2021.

**Food grain:** At 128.5, the index for December increased 1.7 percent from the previous month and 8.9 percent from a year ago. The December price for rice, at \$20.40 per cwt, is \$1.70 higher than November and \$3.60 higher than December 2021. The December price for all wheat, at \$8.98 per bushel, is 18 cents lower than November but 39 cents higher than December 2021.

**Oilseed:** At 114.8, the index for December increased 2.5 percent from November and 14 percent from December 2021. The soybean price, at \$14.40 per bushel, is 40 cents higher than November and \$1.90 higher than December a year earlier.

**Fruit and tree nut:** The December index, at 149.8, is down 3.5 percent from November but up 14 percent from a year earlier. Price decreases during December for oranges, strawberries, lemons, and grapefruit more than offset price increases for apples, grapes, and pears.

**Vegetable and melon:** At 296.7, the index for December decreased 2.8 percent from the previous month but increased 143 percent from December 2021. Price declines during December for lettuce, cauliflower, tomatoes, and cucumbers more than offset price increases for celery, broccoli, potatoes, and sweet corn.

**Other crop:** The December index, at 109.9, is down 0.4 percent from the previous month but up 4.7 percent from December 2021. The all hay price, at \$235.00 per ton, is \$4.00 lower than November but \$42.00 higher than December 2021. At 84.4 cents per pound, the price for upland cotton is 4.4 cents higher than November but 3.3 cents lower than December 2021.

**Livestock production:** The index for December, at 150.4, increased 4.9 percent from the previous month and 25 percent from December a year earlier. The poultry and egg index increase more than offset the meat animal and dairy index decreases.

**Meat animal:** At 123.8, the December index decreased 0.7 percent from the previous month but increased 12 percent from a year earlier. At \$62.50 per cwt, the December hog price is \$4.20 lower from November but \$6.00 higher than a year earlier. The December beef cattle price of \$154.00 per cwt is \$3.00 higher than the previous month and \$17.00 higher than December 2021.

**Dairy:** The index for December, at 122.9, is down 3.5 percent from the previous month but up 14 percent from December a year ago. The December all milk price of \$24.70 per cwt is 90 cents lower than November but \$3.00 higher than December 2021.

**Poultry and egg:** At 239.3, the December index increased 15 percent from November and 58 percent from December 2021. The December market egg price, at \$4.77 per dozen, is \$1.34 higher than November and \$3.61 higher than December 2021. The December broiler price, at 71.1 cents per pound, is 0.3 cents lower than November and 2.4 cents lower than a year ago. At \$1.20 per pound, the December turkey price is 6.0 cents lower than the previous month but 36.1 cents higher than December 2021.

**Food Commodities:** The index, at 150.1, increased 3.2 percent from the previous month and 27 percent from December 2021.

## Prices Received Indexes, 2011 Base – United States: December 2022 with Comparisons

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Index Group	2011 Base		
	December 2021	November 2022	December 2022
	(percent)	(percent)	(percent)
Agricultural production .....	112.7	133.5	137.7
Crop production .....	106.4	127.2	128.6
Grain and oilseed .....	97.8	110.9	113.6
Feed grain .....	91.5	108.6	110.1
Food grain .....	118.0	126.3	128.5
Oilseed .....	100.7	112.0	114.8
Fruit and tree nut .....	132.0	155.2	149.8
Vegetable and melon .....	121.9	305.4	296.7
Other crop .....	105.0	110.3	109.9
Livestock production .....	120.1	143.4	150.4
Meat animal .....	110.1	124.7	123.8
Cattle .....	119.8	132.7	134.8
Hog .....	85.0	100.3	94.0
Dairy .....	108.0	127.4	122.9
Poultry and egg .....	151.1	207.3	239.3
Food commodity .....	118.4	145.4	150.1

## Prices Received Indexes, 1910-1914 Base – United States: December 2022 with Comparisons

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Index Group	1910 - 1914 Base		
	December 2021	November 2022	December 2022
	(percent)	(percent)	(percent)
Agricultural production .....	1164	1378	1421
Crop production .....	928	1109	1121
Livestock production .....	1395	1665	1747

## Prices Received Indexes, 2011 Base by Month for Selected Groups – United States: 2021 and 2022

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Month	2011 Base							
	Agricultural production		Crop production		Livestock production		Food commodities	
	2021	2022	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January .....	89.5	111.8	88.3	104.9	91.2	124.3	94.0	119.1
February .....	94.8	119.9	97.2	114.4	92.6	126.1	96.8	125.6
March .....	97.6	127.5	98.4	120.8	96.8	134.4	100.0	133.7
April .....	104.3	133.9	105.0	122.7	103.6	145.1	106.9	139.7
May .....	106.3	134.8	106.0	123.4	106.6	146.0	107.7	140.7
June .....	107.3	135.0	107.4	126.0	107.2	145.0	108.7	140.5
July .....	106.9	133.9	106.7	124.7	107.1	145.8	107.9	139.1
August .....	109.5	131.4	110.4	128.6	108.7	134.6	110.6	135.4
September .....	108.6	131.2	108.5	127.0	108.6	136.3	111.2	135.5
October .....	106.8	127.7	106.2	121.9	107.8	138.9	111.6	133.8
November .....	108.6	133.5	107.2	127.2	110.2	143.4	114.5	145.4
December .....	112.7	137.7	106.4	128.6	120.1	150.4	118.4	150.1

## Prices Paid Indexes, 2011 Base by Month for Selected Groups – United States: 2021 and 2022

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Month	2011 Base							
	All items (PPITW)		Production		Crop sector		Livestock sector	
	2021	2022	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January .....	113.4	128.7	109.0	126.5	113.7	128.8	113.1	128.5
February .....	114.7	130.7	110.7	129.1	114.3	130.2	115.1	131.3
March .....	116.0	132.7	112.3	131.4	115.4	132.0	116.6	133.4
April .....	117.0	135.1	113.7	135.0	116.0	134.9	117.9	135.2
May .....	117.9	135.1	114.8	134.7	116.9	135.3	118.9	134.8
June .....	119.2	135.6	116.3	135.1	118.3	135.9	120.1	135.4
July .....	120.4	136.2	117.3	135.6	119.6	135.7	121.2	136.7
August .....	120.9	136.9	118.0	136.5	120.1	135.9	121.7	137.8
September .....	121.3	136.7	118.4	136.2	121.0	135.7	121.5	137.7
October .....	122.6	137.1	120.1	136.5	122.7	136.8	122.6	137.4
November .....	123.7	137.1	121.4	136.6	124.0	136.7	123.4	137.6
December .....	125.1	137.1	123.3	136.7	125.1	136.4	125.2	137.8

**Prices Received for Field Crops and Fruits – United States: December 2022 with Comparisons**

Commodity	2011 Base Price	December 2021	November 2022	December 2022
<b>Field crops</b>				
Barley, all .....dollars/bushel	4.79	5.41	7.24	7.48
Feed .....dollars/bushel	4.59	5.51	6.14	6.15
Malting .....dollars/bushel	4.83	5.39	7.38	7.61
Beans, dry edible .....dollars/cwt	34.60	41.70	39.90	40.20
Canola .....dollars/cwt	23.10	32.50	29.20	29.20
Chickpeas, all .....dollars/cwt	35.70	41.30	34.10	35.00
Large .....dollars/cwt	39.20	42.50	34.80	35.50
Small .....dollars/cwt	23.40	20.20	29.50	29.40
Corn .....dollars/bushel	6.02	5.47	6.49	6.58
Cotton, Upland .....dollars/pound	0.880	0.877	0.800	0.844
Cottonseed .....dollars/ton	131.00	239.00	323.00	329.00
Flaxseed .....dollars/bushel	14.20	31.30	19.50	18.40
Hay, all, baled .....dollars/ton	159.00	193.00	239.00	235.00
Alfalfa .....dollars/ton	176.00	217.00	267.00	269.00
Other .....dollars/ton	119.00	155.00	182.00	177.00
Lentils .....dollars/cwt	27.50	36.10	33.00	34.70
Oats .....dollars/bushel	3.42	5.65	4.36	4.66
Peanuts, in-shell .....dollars/pound	0.252	0.241	0.299	0.241
Peas, dry edible .....dollars/cwt	13.60	20.30	14.60	16.80
Rice, all .....dollars/cwt	13.70	16.80	18.70	20.40
Long .....dollars/cwt	12.30	13.20	16.50	17.00
Medium and short .....dollars/cwt	18.40	26.00	26.90	31.20
Sorghum grain .....dollars/cwt	10.70	10.50	12.70	12.30
Soybeans .....dollars/bushel	12.50	12.50	14.00	14.40
Sunflowers, all .....dollars/cwt	29.00	31.60	28.40	29.50
Wheat, all .....dollars/bushel	7.44	8.59	9.16	8.98
Winter .....dollars/bushel	6.93	7.79	8.92	8.44
Durum .....dollars/bushel	9.22	12.70	10.40	11.20
Other spring .....dollars/bushel	8.33	8.75	9.24	9.13
Hard red winter .....dollars/bushel	7.07	7.65	9.09	8.65
Soft red winter .....dollars/bushel	6.77	7.44	8.07	8.05
Hard red spring .....dollars/bushel	8.38	8.77	9.29	9.19
White .....dollars/bushel	6.58	8.30	8.67	7.89
<b>Fruits</b>				
Citrus, equivalent on-tree				
Grapefruit .....dollars/box	7.47	17.41	27.48	24.11
Lemons .....dollars/box	12.30	19.95	20.24	14.19
Oranges .....dollars/box	8.16	11.95	17.71	12.63
Non-citrus, fresh <sup>1</sup>				
Apples .....dollars/pound	0.325	0.716	0.841	0.889
Grapes .....dollars/ton	598.00	2,440.00	2,270.00	2,310.00
Peaches .....dollars/ton	507.00	(S)	(S)	(S)
Pears .....dollars/ton	559.00	1,220.00	1,260.00	1,380.00
Strawberries .....dollars/cwt	104.00	247.00	349.00	296.00

(S) Insufficient number of reports to establish an estimate.  
<sup>1</sup> Beginning February 2020, price reflects FOB shipping point basis.

## Prices Received for Vegetables and Livestock – United States: December 2022 with Comparisons

[Price data source for potato, livestock, and poultry commodities is United States Department of Agriculture's Agricultural Marketing Service]

Commodity	2011 Base Price	December 2021	November 2022	December 2022
<b>Vegetables, fresh <sup>1</sup></b>				
Asparagus .....dollars/cwt	37.50	(S)	(S)	(S)
Beans, snap .....dollars/cwt	69.00	43.40	125.00	79.10
Broccoli .....dollars/cwt	41.60	90.70	181.00	205.00
Cantaloupes .....dollars/cwt	16.50	(S)	50.00	(S)
Carrots .....dollars/cwt	30.80	40.50	49.70	50.00
Cauliflower .....dollars/cwt	47.00	50.80	263.00	200.00
Celery .....dollars/cwt	22.50	44.30	97.40	191.00
Corn, sweet .....dollars/cwt	30.70	48.20	55.00	56.30
Cucumbers .....dollars/cwt	18.70	21.80	43.00	28.00
Lettuce .....dollars/cwt	24.30	22.50	181.00	142.00
Onions <sup>2</sup> .....dollars/cwt	11.90	35.10	32.70	32.30
Potatoes .....dollars/cwt	14.30	13.50	20.40	21.30
Tomatoes .....dollars/cwt	51.20	48.60	131.00	92.30
<b>Livestock</b>				
Calves .....dollars/cwt	142.00	181.00	203.00	206.00
Cattle, all beef .....dollars/cwt	115.00	137.00	151.00	154.00
Cows <sup>3</sup> .....dollars/cwt	71.60	69.10	78.40	76.90
Steers and heifers .....dollars/cwt	117.00	141.00	154.00	158.00
Milk cows <sup>4</sup> .....dollars/head	1,420.00	(NA)	(NA)	(NA)
Hogs, all .....dollars/cwt	66.50	56.50	66.70	62.50
Barrows and gilts .....dollars/cwt	66.80	56.20	66.90	63.00
Sows .....dollars/cwt	57.90	64.30	63.80	51.90
<b>Dairy and poultry</b>				
Milk, all <sup>5</sup> .....dollars/cwt	20.10	21.70	25.60	24.70
Fat test .....percent	4.27	4.20	4.23	4.27
Broilers, live <sup>6</sup> .....dollars/pound	0.459	0.735	0.714	0.711
Eggs, all .....dollars/dozen	0.969	1.36	3.34	4.49
Market <sup>7</sup> .....dollars/dozen	0.796	1.16	3.43	4.77
Turkeys, live <sup>8</sup> .....dollars/pound	0.680	0.839	1.26	1.20
<b>Adjusted for seasonal variation</b>				
Eggs, all .....dollars/dozen	0.979	1.17	3.12	3.84
Seasonal factor .....percent	101	117	107	117
Milk, all .....dollars/cwt	20.20	21.50	24.60	24.50
Seasonal factor .....percent	100	101	104	101

(NA) Not available.

(S) Insufficient number of reports to establish an estimate.

<sup>1</sup> Beginning February 2020, price reflects FOB shipping point basis

<sup>2</sup> Includes some processing.

<sup>3</sup> Beef cows and cull dairy cows sold for slaughter.

<sup>4</sup> Animals sold for dairy herd replacement only. Prices available for January, April, July, and October.

<sup>5</sup> Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

<sup>6</sup> Live weight equivalent price.

<sup>7</sup> Also referred to as table eggs.

<sup>8</sup> Live weight equivalent price is used when actual live weight price is not available. Beginning January 2011, price reflects FOB shipping point basis. Prior year price reflects delivered basis.

## Prices Received for All Wheat, Corn, and Soybeans by Month – United States: 2022 with Comparisons

[Blank data cells indicate estimation period has not yet begun]

Month	All wheat			Corn			Soybeans		
	2020	2021	2022	2020	2021	2022	2020	2021	2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
January .....	4.88	5.48	8.48	3.79	4.24	5.58	8.84	10.90	12.90
February .....	4.88	5.83	9.16	3.78	4.75	6.09	8.60	12.70	14.70
March .....	4.86	5.86	9.93	3.68	4.89	6.56	8.47	13.20	15.40
April .....	4.85	6.04	10.20	3.29	5.31	7.07	8.35	13.90	15.80
May .....	4.76	6.46	10.90	3.20	5.91	7.26	8.28	14.80	16.10
June .....	4.57	6.23	9.55	3.16	6.00	7.38	8.34	14.50	16.40
July .....	4.54	6.26	8.69	3.21	6.12	7.25	8.50	14.10	15.50
August .....	4.54	7.14	8.55	3.12	6.32	7.24	8.66	13.70	15.30
September ...	4.73	7.75	8.85	3.41	5.47	7.09	9.24	12.20	14.10
October .....	4.98	7.92	9.21	3.61	5.02	6.50	9.63	11.90	13.50
November ....	5.24	8.52	9.16	3.79	5.26	6.49	10.30	12.10	14.00
December ....	5.46	8.59	8.98	3.97	5.47	6.58	10.60	12.50	14.40

## Prices Received for Beef Cattle and All Hogs by Month – United States: 2022 with Comparisons

[Price data source for livestock commodities is United States Department of Agriculture's Agricultural Marketing Service. Blank data cells indicate estimation period has not yet begun]

Month	Beef cattle <sup>1</sup>			All hogs <sup>2</sup>		
	2020	2021	2022	2020	2021	2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
January .....	122.00	110.00	135.00	47.80	50.20	58.80
February .....	120.00	112.00	137.00	45.50	56.40	68.60
March .....	113.00	113.00	139.00	47.70	67.20	75.10
April .....	108.00	118.00	139.00	42.30	75.60	76.20
May .....	109.00	118.00	141.00	51.00	79.30	75.90
June .....	109.00	121.00	140.00	41.30	82.70	78.70
July .....	97.10	122.00	142.00	39.90	80.00	83.00
August .....	103.00	123.00	141.00	42.90	79.00	85.80
September .....	104.00	124.00	143.00	49.70	70.80	73.80
October .....	106.00	123.00	145.00	56.30	65.50	70.50
November .....	107.00	129.00	151.00	51.90	58.60	66.70
December .....	108.00	137.00	154.00	49.10	56.50	62.50

<sup>1</sup> Cows and steers & heifers.

<sup>2</sup> Barrows & gilts and sows.

## Prices Received for All Wheat – States and United States: December 2022 with Comparisons

State	December 2021	November 2022	December 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(S)	(D)	(D)
Arkansas .....	(D)	(S)	(D)
California .....	(D)	(D)	(D)
Colorado .....	7.06	8.76	8.17
Idaho .....	7.29	8.49	8.03
Illinois .....	7.29	8.56	7.62
Indiana .....	6.84	7.60	8.31
Kansas .....	7.93	9.16	8.48
Michigan .....	6.65	8.73	8.14
Minnesota .....	8.59	9.52	9.55
Missouri .....	7.90	8.39	7.97
Montana .....	8.51	9.53	9.51
Nebraska .....	7.00	8.82	8.36
North Carolina .....	8.32	8.48	8.55
North Dakota .....	9.54	9.15	9.19
Ohio .....	6.67	7.63	7.35
Oklahoma .....	7.80	8.65	8.02
Oregon .....	9.30	(D)	(D)
South Dakota .....	8.63	9.39	8.95
Texas .....	7.80	9.24	9.73
Washington .....	8.69	8.42	8.04
United States .....	8.59	9.16	8.98

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

## Prices Received for Winter Wheat – States and United States: December 2022 with Comparisons

State	December 2021	November 2022	December 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	(D)	(S)	(D)
California .....	(D)	(S)	(S)
Colorado .....	7.06	8.76	8.17
Idaho .....	7.26	8.49	8.07
Illinois .....	7.29	8.56	7.62
Indiana .....	6.84	7.60	8.31
Kansas .....	7.93	9.16	8.48
Michigan .....	6.65	8.73	8.14
Missouri .....	7.90	8.39	7.97
Montana .....	7.22	9.02	8.85
Nebraska .....	7.00	8.82	8.36
North Carolina .....	8.32	8.48	8.55
North Dakota .....	9.04	8.50	8.93
Ohio .....	6.67	7.63	7.35
Oklahoma .....	7.80	8.65	8.02
Oregon .....	9.30	(D)	(D)
South Dakota .....	8.52	9.36	8.92
Texas .....	7.80	9.24	9.73
Washington .....	8.66	8.39	7.93
United States .....	7.79	8.92	8.44

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

**Prices Received for Durum Wheat – States and United States: December 2022 with Comparisons**

State	December 2021	November 2022	December 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona .....	(S)	(D)	(D)
California .....	(S)	(D)	(D)
Idaho .....	(S)	(S)	(S)
Montana .....	(D)	(D)	(D)
North Dakota .....	15.10	10.00	9.92
United States .....	12.70	10.40	11.20

(D) Withheld to avoid disclosing data for individual operations.  
(S) Insufficient number of reports to establish an estimate.

**Prices Received for Spring Wheat – States and United States: December 2022 with Comparisons**

State	December 2021	November 2022	December 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Idaho .....	7.39	8.47	7.91
Minnesota .....	8.59	9.52	9.55
Montana .....	8.76	9.93	9.25
North Dakota .....	8.88	9.00	9.13
South Dakota .....	8.72	9.41	8.98
Washington .....	8.96	8.65	8.51
United States .....	8.75	9.24	9.13

**Prices Received for Oats – States and United States: December 2022 with Comparisons**

State	December 2021	November 2022	December 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois .....	(D)	(D)	5.06
Iowa .....	5.75	(D)	(D)
Michigan .....	5.40	(D)	4.49
Minnesota .....	5.66	4.26	4.69
Montana .....	(D)	(S)	(S)
Nebraska .....	(S)	(D)	(D)
New York .....	(S)	(S)	(S)
North Dakota .....	5.66	3.87	4.88
Oregon .....	(S)	(S)	(S)
Pennsylvania .....	(S)	5.57	4.43
South Dakota .....	6.18	3.90	3.80
Texas .....	(S)	(D)	(D)
Wisconsin .....	5.15	4.61	5.83
United States .....	5.65	4.36	4.66

(D) Withheld to avoid disclosing data for individual operations.  
(S) Insufficient number of reports to establish an estimate.

**Prices Received for All Barley – States and United States: December 2022 with Comparisons**

State	December 2021	November 2022	December 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(S)	(S)	(S)
Colorado .....	5.02	7.16	6.63
Idaho .....	5.33	7.26	8.04
Minnesota .....	5.31	(S)	(D)
Montana .....	5.65	7.09	7.46
North Dakota .....	5.42	7.37	7.08
Washington .....	5.77	7.03	7.26
Wyoming .....	(D)	(D)	(D)
United States .....	5.41	7.24	7.48

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

**Prices Received for Malting Barley – States and United States: December 2022 with Comparisons**

State	December 2021	November 2022	December 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(S)	(S)	(S)
Colorado .....	5.02	7.22	6.63
Idaho .....	5.32	7.31	8.05
Minnesota .....	5.31	(S)	(D)
Montana .....	5.51	7.10	7.54
North Dakota .....	5.56	7.79	7.37
Washington .....	(D)	(D)	(D)
Wyoming .....	(D)	(D)	(D)
United States .....	5.39	7.38	7.61

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

**Prices Received for Feed Barley – States and United States: December 2022 with Comparisons**

State	December 2021	November 2022	December 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California .....	(S)	(S)	(S)
Colorado .....	(S)	(D)	(D)
Idaho .....	5.74	6.21	(D)
Minnesota .....	(S)	(S)	(S)
Montana .....	6.60	6.81	(D)
North Dakota .....	5.13	6.14	6.13
Washington .....	5.82	5.73	5.50
Wyoming .....	(S)	(S)	(D)
United States .....	5.51	6.14	6.15

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

**Prices Received for Corn – States and United States: December 2022 with Comparisons**

State	December 2021	November 2022	December 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado .....	5.55	7.32	7.36
Illinois .....	5.41	6.29	6.39
Indiana .....	5.58	6.41	6.57
Iowa .....	5.54	6.50	6.69
Kansas .....	5.78	7.16	7.26
Kentucky .....	5.28	6.69	6.72
Michigan .....	5.36	6.07	6.17
Minnesota .....	5.22	6.28	6.34
Missouri .....	5.53	6.82	6.88
Nebraska .....	5.37	6.83	6.83
North Carolina .....	6.44	7.72	7.57
North Dakota .....	5.24	5.98	6.17
Ohio .....	5.41	6.31	6.24
Pennsylvania .....	5.93	7.10	6.86
South Dakota .....	5.58	6.45	6.62
Tennessee .....	5.82	6.04	6.91
Texas .....	6.19	7.59	7.14
Wisconsin .....	5.33	6.08	6.09
United States .....	5.47	6.49	6.58

**Prices Received for Sorghum Grain – States and United States: December 2022 with Comparisons**

State	December 2021	November 2022	December 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas .....	10.60	12.70	12.40
Nebraska .....	10.70	11.80	11.50
Oklahoma .....	10.10	13.00	12.30
Texas .....	10.30	13.10	12.10
United States .....	10.50	12.70	12.30

**Prices Received for Soybeans – States and United States: December 2022 with Comparisons**

State	December 2021	November 2022	December 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas .....	12.40	14.00	14.70
Illinois .....	12.50	13.80	14.40
Indiana .....	12.70	14.10	14.70
Iowa .....	12.50	14.20	14.50
Kansas .....	12.40	14.20	14.60
Kentucky .....	12.40	14.00	14.40
Louisiana .....	12.70	14.10	13.60
Michigan .....	12.50	14.30	14.60
Minnesota .....	12.50	13.80	14.50
Mississippi .....	12.40	(D)	14.00
Missouri .....	12.70	13.50	14.60
Nebraska .....	12.40	14.10	14.30
North Carolina .....	12.80	14.10	14.50
North Dakota .....	12.20	13.80	13.80
Ohio .....	12.70	14.10	14.70
South Dakota .....	12.40	14.20	14.40
Tennessee .....	12.40	13.70	14.20
Wisconsin .....	12.40	14.00	14.20
United States .....	12.50	14.00	14.40

(D) Withheld to avoid disclosing data for individual operations.

**Prices Received for Dry Beans – States and United States: December 2022 with Comparisons**

State	December 2021	November 2022	December 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California .....	(D)	(S)	(D)
Colorado .....	39.90	(D)	38.70
Idaho .....	(D)	44.10	(D)
Michigan .....	40.50	41.50	43.80
Minnesota .....	39.80	(S)	37.60
Nebraska .....	(D)	(D)	(D)
North Dakota .....	43.00	38.90	38.30
United States .....	41.70	39.90	40.20

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

### Prices Received for Canola – States and United States: December 2022 with Comparisons

State	December 2021	November 2022	December 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota .....	(D)	(S)	(S)
Montana .....	(D)	(D)	(D)
North Dakota .....	32.70	29.20	29.30
Oklahoma .....	(S)	(S)	(S)
United States .....	32.50	29.20	29.20

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

### Prices Received for Flaxseed – States and United States: December 2022 with Comparisons

State	December 2021	November 2022	December 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota .....	31.30	19.50	18.40
United States .....	31.30	19.50	18.40

### Prices Received for Peanuts (in shell) – States and United States: December 2022 with Comparisons

State	December 2021	November 2022	December 2022
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama .....	0.225	0.268	0.271
Arkansas .....	0.227	0.262	0.244
Florida .....	0.268	0.269	0.295
Georgia .....	0.234	0.262	0.219
Mississippi .....	0.214	0.297	0.286
New Mexico .....	(S)	0.540	0.127
North Carolina .....	0.259	0.279	0.292
Oklahoma .....	(S)	0.341	0.145
South Carolina .....	0.232	0.230	0.187
Texas .....	0.331	0.536	0.369
Virginia .....	0.241	0.300	(S)
United States .....	0.241	0.299	0.241

(S) Insufficient number of reports to establish an estimate.

### Prices Received for Sunflower – States and United States: December 2022 with Comparisons

State	December 2021	November 2022	December 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas .....	(D)	26.50	(D)
Minnesota .....	24.60	(D)	(S)
North Dakota .....	31.60	28.60	29.90
South Dakota .....	31.90	28.20	27.20
United States .....	31.60	28.40	29.50

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

## Prices Received for Upland Cotton and Cottonseed – States and United States: December 2022 with Comparisons

[Cottonseed marketing year August - February]

State	Cotton, Upland			Cottonseed		
	December 2021	November 2022	December 2022	December 2021	November 2022	December 2022
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Alabama .....	(D)	(D)	0.838	189.00	206.00	216.00
Arizona .....	(D)	0.948	(D)	(S)	434.00	433.00
Arkansas .....	(D)	0.640	0.714	(S)	(S)	375.00
California .....	(D)	(S)	(S)	460.00	510.00	(S)
Georgia .....	0.924	0.995	1.000	190.00	263.00	269.00
Louisiana .....	0.927	0.970	(D)	(S)	(S)	(S)
Mississippi .....	0.836	(D)	(D)	250.00	349.00	(S)
North Carolina .....	0.933	0.957	0.866	226.00	275.00	274.00
Tennessee .....	0.920	(D)	0.911	256.00	356.00	362.00
Texas .....	0.883	0.767	0.779	253.00	388.00	400.00
United States .....	0.877	0.800	0.844	239.00	323.00	329.00

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

## Prices Received and Marketings for Upland Cotton and Rice – United States: December 2022 with Comparisons

Item	December 2021	November 2022	December 2022
<b>Cotton, Upland</b>			
Average price ..... dollars/pound	0.877	0.800	0.844
Marketings <sup>1</sup> ..... 1,000 bales	2,578	1,112	1,562
<b>Rice, all</b>			
Average price ..... dollars/cwt	16.80	18.70	20.40
Marketings <sup>2</sup> ..... 1,000 cwt	16,373	9,702	12,085
<b>Rice, long</b>			
Average price ..... dollars/cwt	13.20	16.50	17.00
Marketings <sup>2</sup> ..... 1,000 cwt	11,681	7,676	9,207
<b>Rice, medium and short</b>			
<b>California</b>			
Average price ..... dollars/cwt	30.20	30.80	34.90
<b>Other States <sup>3</sup></b>			
Average price ..... dollars/cwt	13.50	17.50	17.50
<b>United States</b>			
Average price ..... dollars/cwt	26.00	26.90	31.20
Marketings <sup>2</sup> ..... 1,000 cwt	4,692	2,026	2,878

<sup>1</sup> Marketings based on a survey of cotton buyers in the major producing States - Alabama, Arizona, Arkansas, California, Georgia, Louisiana, Mississippi, North Carolina, Tennessee, and Texas.

<sup>2</sup> Purchases by private firms and rice (rough equivalent) shipped by cooperatives.

<sup>3</sup> Other States include Arkansas, Louisiana, Mississippi, Missouri, and Texas.

**Prices Received for Hay by Type – States and United States: December 2022 with Comparisons**

State	All hay			Alfalfa hay			Other hay		
	December 2021	November 2022	December 2022	December 2021	November 2022	December 2022	December 2021	November 2022	December 2022
	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)	(dollars per ton)
Arizona .....	234.00	349.00	349.00	235.00	350.00	350.00	205.00	245.00	245.00
California .....	240.00	335.00	354.00	260.00	350.00	370.00	205.00	285.00	300.00
Colorado .....	222.00	259.00	259.00	215.00	260.00	260.00	240.00	250.00	250.00
Idaho .....	223.00	257.00	268.00	225.00	260.00	270.00	180.00	230.00	240.00
Illinois .....	162.00	170.00	165.00	170.00	190.00	185.00	140.00	120.00	120.00
Iowa .....	164.00	172.00	173.00	172.00	176.00	186.00	148.00	152.00	154.00
Kansas .....	154.00	220.00	229.00	176.00	260.00	270.00	98.00	147.00	152.00
Kentucky .....	159.00	178.00	178.00	220.00	222.00	220.00	150.00	167.00	165.00
Michigan .....	180.00	168.00	165.00	200.00	190.00	190.00	130.00	130.00	120.00
Minnesota .....	177.00	159.00	157.00	190.00	187.00	174.00	143.00	130.00	128.00
Missouri .....	117.00	146.00	146.00	165.00	170.00	170.00	105.00	140.00	140.00
Montana .....	241.00	233.00	233.00	250.00	235.00	235.00	215.00	220.00	225.00
Nebraska .....	143.00	185.00	185.00	158.00	208.00	209.00	100.00	130.00	130.00
Nevada .....	239.00	319.00	309.00	240.00	320.00	310.00	220.00	310.00	280.00
New Mexico .....	226.00	290.00	290.00	230.00	300.00	300.00	210.00	235.00	235.00
New York .....	161.00	197.00	183.00	225.00	242.00	255.00	137.00	183.00	162.00
North Dakota .....	150.00	120.00	112.00	169.00	123.00	118.00	96.00	85.00	83.00
Ohio .....	162.00	168.00	165.00	200.00	180.00	180.00	140.00	160.00	155.00
Oklahoma .....	107.00	142.00	149.00	174.00	261.00	271.00	101.00	118.00	141.00
Oregon .....	252.00	314.00	304.00	260.00	330.00	325.00	240.00	280.00	270.00
Pennsylvania .....	166.00	197.00	184.00	252.00	242.00	255.00	150.00	185.00	165.00
South Dakota .....	158.00	170.00	164.00	170.00	189.00	183.00	130.00	130.00	130.00
Texas .....	156.00	188.00	187.00	201.00	271.00	271.00	148.00	175.00	175.00
Utah .....	252.00	309.00	309.00	255.00	310.00	310.00	195.00	250.00	250.00
Washington .....	245.00	312.00	309.00	240.00	320.00	325.00	265.00	290.00	280.00
Wisconsin .....	164.00	169.00	157.00	171.00	183.00	168.00	136.00	116.00	115.00
Wyoming .....	217.00	232.00	234.00	225.00	235.00	240.00	195.00	220.00	220.00
United States .....	193.00	239.00	235.00	217.00	267.00	269.00	155.00	182.00	177.00

**Prices Received for Premium and Supreme Alfalfa Hay – States and 5-State Total: December 2022**

State	December 2021	November 2022	December 2022
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California .....	270.00	400.00	390.00
Idaho .....	250.00	300.00	305.00
Michigan .....	220.00	215.00	215.00
Minnesota .....	235.00	211.00	224.00
New York .....	293.00	295.00	320.00
Pennsylvania .....	290.00	310.00	333.00
Texas .....	243.00	334.00	334.00
Wisconsin .....	260.00	208.00	196.00
5-State Total <sup>1 2</sup> .....	260.00	331.00	327.00

<sup>1</sup> 5-State total represents a weighted (hay purchases) average price for the five largest milk producing States (based on the pounds of milk produced during the previous month).

<sup>2</sup> For December 2021, includes California, Idaho, New York, Texas, and Wisconsin. For November 2022, includes California, Idaho, New York, Texas, and Wisconsin. For December 2022, includes California, Idaho, New York, Texas, and Wisconsin.

**Prices Received for Citrus Fruits by Utilization – States and United States: December 2021**

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit .....	44.20	20.17	32.32	5.32	17.41	29.85	2.20
Lemons .....	46.20	26.48	35.52	(D)	19.95	28.60	(D)
Oranges .....	36.30	15.01	25.54	9.44	11.95	22.57	6.35

(D) Withheld to avoid disclosing data for individual operations.

**Prices Received for Citrus Fruits by Utilization – States and United States: November 2022**

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit .....	46.40	30.07	35.50	7.19	27.48	33.05	3.96
Lemons .....	46.00	26.80	35.32	(D)	20.24	28.40	(D)
Oranges .....	36.50	20.68	25.73	(D)	17.71	22.81	(D)

(D) Withheld to avoid disclosing data for individual operations.

**Prices Received for Citrus Fruits by Utilization – States and United States: December 2022**

Commodity, State, and type	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit .....	46.70	26.55	35.29	7.08	24.11	33.00	4.31
Lemons .....	42.60	20.57	31.98	(D)	14.19	25.06	(D)
Oranges .....	34.50	15.68	23.78	9.21	12.63	20.87	6.06

(D) Withheld to avoid disclosing data for individual operations.

## Prices Received for All Milk – States and United States: December 2022 with Comparisons

[Before deduction for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies]

State	December 2021		November 2022		December 2022	
	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona .....	20.90	3.88	25.40	3.98	23.90	3.94
California .....	21.40	4.20	26.40	4.23	25.50	4.27
Colorado .....	21.80	4.00	25.90	4.05	25.00	4.07
Florida .....	24.50	3.68	29.40	3.79	28.10	3.78
Georgia .....	23.40	3.71	29.20	3.96	27.70	3.97
Idaho .....	21.90	4.30	26.20	4.43	25.20	4.43
Illinois .....	21.40	4.19	25.70	4.25	24.50	4.27
Indiana .....	21.70	4.12	26.20	4.11	25.30	4.16
Iowa .....	21.40	4.29	24.30	4.33	24.00	4.43
Kansas .....	20.40	4.28	24.50	4.32	23.20	4.39
Michigan .....	20.70	4.07	23.40	4.06	23.40	4.11
Minnesota .....	21.50	4.38	25.20	4.44	24.80	4.58
New Mexico .....	19.90	4.11	23.60	4.10	22.20	4.10
New York .....	22.00	4.14	26.00	4.11	24.90	4.17
Ohio .....	21.80	4.10	26.00	4.08	25.50	4.17
Oregon .....	23.70	4.41	28.70	4.59	28.20	4.60
Pennsylvania .....	22.30	4.11	26.60	4.12	25.50	4.18
South Dakota .....	22.80	4.67	26.10	4.66	25.90	4.72
Texas .....	22.10	4.41	25.80	4.42	24.40	4.40
Utah .....	21.60	4.12	25.90	4.19	24.40	4.20
Vermont .....	22.70	4.17	26.30	4.11	25.40	4.18
Virginia .....	23.40	4.05	29.00	4.09	27.70	4.12
Washington .....	22.30	4.33	27.20	4.47	26.10	4.48
Wisconsin .....	21.50	4.17	23.60	4.18	23.30	4.23
United States .....	21.70	4.20	25.60	4.23	24.70	4.27

## Prices Received for Milk Cows – States and United States: January 2023 with Comparisons

[Animals sold for dairy herd replacement only. Quarterly United States milk cow prices are based on revised milk cow inventory]

State	January 2022	October 2022	January 2023
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona .....	1,500	1,700	1,850
California .....	1,330	1,850	1,820
Colorado .....	1,400	1,700	1,700
Florida .....	1,460	1,600	1,750
Georgia .....	1,250	1,700	1,550
Idaho .....	1,350	1,600	1,600
Illinois .....	1,300	1,650	1,640
Indiana .....	1,370	1,790	1,860
Iowa .....	1,380	1,750	1,670
Kansas .....	1,450	1,600	1,700
Michigan .....	1,410	1,760	1,800
Minnesota .....	1,320	1,630	1,560
New Mexico .....	1,400	1,600	1,750
New York .....	1,330	1,670	1,720
Ohio .....	1,310	1,620	1,550
Oregon .....	1,400	1,550	1,500
Pennsylvania .....	1,400	1,740	1,800
South Dakota .....	1,350	1,650	1,700
Texas .....	1,400	1,700	1,550
Utah .....	1,200	1,450	1,450
Vermont .....	1,460	1,800	1,760
Virginia .....	1,300	1,620	1,700
Washington .....	1,400	1,550	1,500
Wisconsin .....	1,470	1,840	1,810
United States .....	1,380	1,730	1,720

## Parity Price Overview

Parity prices, based on data from January 2022, and adjusted base price data from which parity prices are computed are presented in the tables on the following pages. Parity prices are computed under the provisions of Title III, Subtitle A, Section 301(a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, 1954, and 1956.

The parity prices shown in this report are based on the provisions of the amended Act. Briefly, the actual method of computation is as follows:

- a. The average of prices received by farmers for individual commodities for the 10 preceding years is calculated (for 2022, the 10-average includes the years 2012-2021). An allowance for unredeemed loans and other supplemental payments resulting from price support programs, such as the deficiency payments for grains and cotton, is included for those commodities for which applicable.
- b. This 10-year average is divided by the average of the Index of Prices Received by Farmers for the same 10 preceding calendar years, adjusted to include an allowance for unredeemed loans and other supplemental price support operations, to give an "adjusted base price".
- c. Parity prices are computed by multiplying the "adjusted base prices" by the current Parity Index (the Index of Prices Paid by Farmers, including Interest, Taxes, and Wage Rates, 1910-1914=100).

Parity prices are calculated in terms of prices received by farmers in the local markets in which they ordinarily sell. This means that the parity prices apply to the average of all classes and grades of the commodity as sold by all farmers in the United States, except as otherwise specified. Fruits and vegetables for fresh use and for processing are usually considered separate commodities and separate parity prices are calculated. The Agricultural Marketing Agreement Act of 1937 provided for parity prices for certain commodities covered by a marketing agreement or order program. Under present legislation, United States parity prices, with appropriate adjustments where needed, may be used for the purpose of this Act.

## Commodity Parity Prices and Price as Percent of Parity Price – United States: December 2022 with Comparisons

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations. Parity data not available for blank cells. Primary source of data for livestock and milk prices is United States Department of Agriculture's Agricultural Marketing Service]

Commodity and unit	Adjusted base price	Parity price			Price as percent of parity			
		December 2021	November 2022	December 2022	December 2021	November 2022	December 2022	
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)	
<b>Basic commodities</b>								
All wheat .....	bushel	0.530	17.90	19.70	19.70	48	46	46
Rice .....	cwt	1.27	42.10	47.10	47.10	40	40	43
Corn .....	bushel	0.408	13.80	15.10	15.10	40	43	44
<b>Cotton</b>								
Upland .....	pound	0.065	2.22	2.41	2.41	40	33	35
American Pima .....	pound	0.133	4.12	4.93	4.93	29	50	50
Peanuts .....	pound	0.022	0.719	0.816	0.816	34	37	30
Small chickpeas <sup>1</sup> .....	cwt	2.23	75.10	82.70	82.70	27	36	36
Large chickpeas <sup>1</sup> .....	cwt	2.82	97.00	105.00	105.00	44	33	34
Lentils <sup>1</sup> .....	cwt	2.20	74.20	81.60	81.60	49	40	43
<b>Designated non-basic</b>								
All milk, to plants <sup>2</sup> .....	cwt	1.73	58.50	64.20	64.20	37	38	38
Honey, extracted <sup>3</sup> .....	pound	0.201	6.47	7.46	7.46	39	34	34
<b>Wool and mohair</b>								
Wool .....	pound	0.148	4.93	5.49	5.49	34	30	30
Mohair .....	pound	0.464	15.10	17.20	17.20	34	30	30
<b>Other non-basic</b>								
Apples, fresh <sup>4</sup> .....	pound	0.041	1.240	1.520	1.520	58	55	58
Barley .....	bushel	0.485	16.10	18.00	18.00	34	40	42
Canola .....	cwt	1.82	58.50	67.50	67.50	56	43	43
Cottonseed .....	ton	18.80	631.00	697.00	697.00	38	46	47
Dry edible beans .....	cwt	3.07	102.00	114.00	114.00	41	35	37
Flaxseed .....	bushel	1.10	35.00	40.80	40.80	89	48	45
Oats .....	bushel	0.287	9.47	10.60	10.60	60	41	44
Potatoes, fresh .....	cwt	1.07	35.60	39.70	39.70	38	51	54
Sorghum grain .....	cwt	0.712	23.80	26.40	26.40	44	48	47
Soybeans .....	bushel	1.02	33.70	37.80	37.80	37	37	38
Sunflower, all .....	cwt	2.01	67.60	74.60	74.60	47	38	40
<b>Citrus (equivalent on-tree)</b>								
Grapefruit .....	box	1.02	30.60	37.80	37.80	57	73	64
Lemons .....	box	2.09	66.30	77.50	77.50	30	26	18
Oranges .....	box	1.080	35.00	40.10	40.10	34	44	31
<b>Livestock and poultry</b>								
Beef cattle .....	cwt	11.70	389.00	434.00	434.00	35	35	35
Broilers .....	pound	0.049	1.63	1.82	1.82	45	39	39
Calves .....	cwt	17.20	568.00	638.00	638.00	32	32	32
Eggs <sup>2</sup> .....	dozen	0.098	3.23	3.64	3.63	36	86	106
Hogs .....	cwt	5.45	181.00	202.00	202.00	31	33	31
Turkeys, live .....	pound	0.066	2.160	2.450	2.450	39	51	49

<sup>1</sup> Parity prices began January 2015.

<sup>2</sup> Seasonally adjusted price as percentage of parity price.

<sup>3</sup> Wholesale extracted. Adjusted base price derived from state annual averages prices weighted by production. For 1982 through 1985 the national averages are the support prices.

<sup>4</sup> Equivalent packinghouse-door returns for California, New York, Oregon, and Washington. Price at point of first sale for other states.

## Commodity Parity Prices – United States: December 2022 with Comparisons

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations]

Commodity and unit	Adjusted base price	Parity price		
		December 2021	November 2022	December 2022
	(dollars)	(dollars)	(dollars)	(dollars)
<b>Field crops and miscellaneous</b>				
Hops .....pound	0.455	14.40	16.90	16.90
Mustard seed ..... cwt	2.94	99.30	109.00	109.00
Rapeseed ..... cwt	2.37	81.70	87.90	87.90
Rye ..... bushel	0.598	20.30	22.20	22.20
Safflower ..... cwt	2.17	71.90	80.50	80.50
Spearmint oil .....pound	1.65	55.90	61.20	61.20
Sweet potatoes ..... cwt	2.05	67.00	76.10	76.00
<b>Tobacco</b>				
Flue-cured, 11-14 .....pound	0.185	6.08	6.86	6.86
Fire-cured, 21-23 .....pound	0.251	8.33	9.31	9.31
Burley, 31 .....pound	0.184	6.08	6.83	6.82
Maryland, 32 .....pound	0.177	5.72	6.57	6.56
Dark air-cured, 35-37 .....pound	0.224	7.42	8.31	8.31
Pennsylvania seedleaf, 41 .....pound	0.235	7.32	8.72	8.72
<b>Non-citrus fruit</b>				
Apples, processing <sup>1 2</sup> ..... ton	20.70	673.00	768.00	768.00
Apricots, fresh <sup>3</sup> ..... ton	124.00	4,080.00	4,600.00	4,600.00
Avocados <sup>2 3</sup> ..... ton	188.00	6,040.00	6,970.00	6,970.00
<b>Cherries</b>				
Sweet ..... ton	207.00	6,990.00	7,680.00	7,680.00
Tart <sup>2</sup> .....pound	0.032	0.980	1.190	1.190
Cranberry <sup>2 4</sup> ..... barrel	3.20	108.00	119.00	119.00
Dates (California) <sup>3</sup> ..... ton	238.00	7,190.00	8,830.00	8,830.00
<b>Grapes (California)</b>				
Wine, processing ..... ton	81.00	2,590.00	3,010.00	3,000.00
Kiwifruit <sup>2</sup> ..... ton	141.00	4,180.00	5,230.00	5,230.00
Nectarines, fresh (California) <sup>3</sup> ..... ton	87.90	2,750.00	3,260.00	3,260.00
Olives, canning (California) <sup>4</sup> ..... ton	109.00	3,660.00	4,040.00	4,040.00

See footnote(s) at end of table.

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## Commodity Parity Prices – United States: December 2022 with Comparisons (continued)

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February *Agricultural Prices* for details on adjusted base price and parity price computations]

Commodity and unit	Adjusted base price	Parity price		
		December 2021	November 2022	December 2022
	(dollars)	(dollars)	(dollars)	(dollars)
<b>Non-citrus fruit - continued</b>				
Papayas (Hawaii) .....pound	0.045	1.37	1.67	1.67
Peaches, fresh <sup>4 5</sup> ..... ton	113.00	3,630.00	4,190.00	4,190.00
Pears, fresh <sup>5</sup> ..... ton	61.50	2,020.00	2,280.00	2,280.00
Plums (California) equivalent on-tree				
Fresh <sup>6</sup> ..... ton	90.80	2,790.00	3,370.00	3,370.00
Strawberries				
Fresh <sup>7</sup> .....pound	10.40	333.00	386.00	386.00
Processing .....pound	4.12	129.00	153.00	153.00
Sugar crops				
Sugar beets <sup>2 8</sup> ..... ton	4.30	149.00	160.00	159.00
Sugarcane <sup>2 8</sup> ..... ton	3.39	113.00	126.00	126.00
Tree nuts <sup>9</sup>				
Almonds .....pound	0.247	8.30	9.16	9.16
Hazelnuts ..... ton	223.00	7,510.00	8,270.00	8,270.00
Pistachios .....pound	0.253	8.27	9.39	9.38
Walnuts ..... ton	206.00	7,350.00	7,640.00	7,640.00
Vegetables, fresh <sup>7</sup>				
Carrots <sup>10</sup> ..... cwt	2.64	88.50	97.90	97.90
Cauliflower <sup>10</sup> ..... cwt	4.21	142.00	156.00	156.00
Celery <sup>10</sup> ..... cwt	2.13	69.60	79.00	79.00
Honeydew melons ..... cwt	2.10	68.30	77.90	77.90
Lettuce ..... cwt	2.64	86.90	97.90	97.90
Onions <sup>10</sup> ..... cwt	1.45	46.10	53.80	53.80
Tomatoes ..... cwt	4.07	133.00	151.00	151.00

<sup>1</sup> Equivalent returns at processing plant door.

<sup>2</sup> Adjusted base price is carried forward from the previous year since current marketing year average price is not yet available.

<sup>3</sup> Equivalent returns at packinghouse door.

<sup>4</sup> Equivalent returns for bulk fruit at first delivery point.

<sup>5</sup> Equivalent packinghouse-door returns for California, New York (apples only), Oregon (except Peaches), and Washington. Price at point of first sale for other states.

<sup>6</sup> Based on "as sold" prices for fresh fruit in all states.

<sup>7</sup> FOB shipping point price.

<sup>8</sup> Relates to prices including average conditional payments per ton made under the sugar acts of 1937 and 1948. Crop deficiency and abandonment payments not included.

<sup>9</sup> Prices In-Shell basis except almonds which are shelled basis.

<sup>10</sup> Includes some processing.

## Marketing Year for Specified Commodities

**Rice:** August 1 to July 31 for United States, Arkansas, and Mississippi; July 1 to June 30 for Louisiana and Texas; September 1 to August 31 for Missouri; October 1 to September 30 for California.

### Rice Market Year Average Prices Received by All and Length of Grain – States and United States: Marketing Years 2020 through 2021

State	2020	2021
<b>All rice</b>		
Arkansas .....	12.50	13.50
California .....	22.80	32.00
Louisiana .....	12.60	13.70
Mississippi .....	12.50	13.50
Missouri .....	12.10	13.60
Texas .....	13.30	14.20
United States <sup>1</sup> .....	14.40	16.10
<b>Long grain</b>		
United States <sup>1</sup> .....	12.60	13.60
<b>Medium and short grain</b>		
California .....	22.60	31.90
Other States <sup>1</sup> .....	13.00	13.90
United States <sup>1</sup> .....	20.10	26.40

<sup>1</sup> Based on state prices weighted by marketings for August through July.

## All Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2021-2022 through 2022-2023

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of August through July]

Month	Prices received		Farm marketings <sup>1</sup>	
	2021-2022 <sup>2</sup>	2022-2023 <sup>2</sup>	2021-2022 <sup>2</sup>	2022-2023 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)
August .....	15.40	19.30	8,070	4,686
September ....	14.20	17.70	10,527	9,237
October .....	15.00	17.70	12,897	10,310
November .....	15.60	18.70	13,461	9,702
December .....	16.80	20.40	16,373	12,085
January <sup>3</sup> .....	17.10		18,648	
February .....	15.60		13,781	
March .....	15.70		14,143	
April .....	16.10		12,707	
May .....	16.90		9,603	
June .....	17.80		8,722	
July .....	17.70		7,929	
MYA .....	16.10		146,861	

<sup>1</sup> Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.

<sup>2</sup> Prices and marketings include late reports and revised data for October 2021 - November 2022. Final monthly prices, marketings, and MYA price will be published in the January 2024 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Long Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2021-2022 through 2022-2023

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of August through July]

Month	Prices received		Farm marketings <sup>1</sup>	
	2021-2022 <sup>2</sup>	2022-2023 <sup>2</sup>	2021-2022 <sup>2</sup>	2022-2023 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)
August .....	13.20	15.80	6,038	3,455
September ....	13.00	16.10	9,045	7,464
October .....	13.10	16.20	11,207	8,685
November .....	13.10	16.50	10,802	7,676
December .....	13.20	17.00	11,681	9,207
January <sup>3</sup> .....	13.50		14,223	
February .....	13.70		11,650	
March .....	14.00		12,040	
April .....	14.10		10,616	
May .....	14.30		7,550	
June .....	14.60		6,696	
July .....	14.50		6,117	
MYA .....	13.60		117,665	

<sup>1</sup> Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.

<sup>2</sup> Prices and marketings include late reports and revised data for October 2021 - November 2022. Final monthly prices, marketings, and MYA price will be published in the January 2024 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Medium and Short Grain Rice Prices Received and Marketing Percentages by Month – United States: Marketing Years 2021-2021 through 2022-2023

[Marketing year average (MYA) prices are weighted average prices for the United States marketing year of August through July]

Month	Prices received		Farm marketings <sup>1</sup>	
	2021-2022 <sup>2</sup>	2022-2023 <sup>2</sup>	2021-2022 <sup>2</sup>	2022-2023 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(1,000 cwt)	(1,000 cwt)
August .....	22.00	29.30	2,032	1,231
September ....	21.60	24.20	1,482	1,773
October .....	27.70	25.80	1,690	1,625
November .....	25.90	26.90	2,659	2,026
December .....	26.00	31.20	4,692	2,878
January <sup>3</sup> .....	28.80		4,425	
February .....	26.30		2,131	
March .....	25.50		2,103	
April .....	26.50		2,091	
May .....	26.60		2,053	
June .....	28.50		2,026	
July .....	28.50		1,812	
MYA .....	26.40		29,196	

<sup>1</sup> Purchases from producers as reported by private firms and rice (rough equivalent) shipped from producers as reported by cooperative mills.

<sup>2</sup> Prices and marketings include late reports and revised data for October 2021 - November 2022. Final monthly prices, marketings, and MYA price will be published in the January 2024 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Medium and Short Grain Rice Prices Received by Month – California and Other States: Marketing Years 2021-2022 through 2022-2023

[Marketing year for California: October - September. Marketing Year for Other States: August - July. Other States include Arkansas, Louisiana, Mississippi, Missouri, and Texas]

Month	California		Other States	
	2021-2022 <sup>1</sup>	2022-2023 <sup>1</sup>	2021-2022	2022-2023 <sup>2</sup>
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
August .....	22.80	32.70	13.40	17.00
September .....	22.60	32.70	13.10	17.20
October .....	32.20	31.50	13.30	17.40
November .....	31.70	30.80	13.40	17.50
December .....	30.20	34.90	13.50	17.50
January <sup>3</sup> .....	31.80		13.70	
February .....	31.70		13.90	
March .....	32.30		13.90	
April .....	32.60		14.30	
May .....	32.40		14.20	
June .....	32.60		14.70	
July .....	33.70		15.70	
August .....	32.70		17.00	
September .....	32.70		17.20	
MYA .....	31.90		13.90	

<sup>1</sup> Prices include late reports and revised data for October 2021 - November 2022.

<sup>2</sup> Prices include late reports and revised data for August 2022 - November 2022. Final monthly prices and MYA price will be published in the October 2023 *Agricultural Prices* report.

<sup>3</sup> Second year.

## Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2018-2022

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Agricultural production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	86.1	90.9	95.0	92.9	94.6	94.9	91.5	89.5	88.3	85.1	88.4	90.0	90.2
2019 ...	86.0	89.8	92.9	93.4	92.2	93.4	91.1	91.4	88.0	86.1	89.8	91.1	89.9
2020 ...	88.7	90.6	92.5	81.9	84.5	88.0	86.5	86.7	88.6	88.7	92.6	90.9	94.9
2021 ...	89.5	94.8	97.6	104.3	106.3	107.3	106.9	109.5	108.6	106.8	108.6	112.7	109.9
2022 ...	111.8	119.9	127.5	133.9	134.8	135.0	133.9	131.4	131.2	127.7	133.5	137.7	130.2
Year	Crop production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	78.4	86.3	87.7	88.4	88.7	89.8	86.5	89.3	87.8	80.0	83.9	87.4	85.3
2019 ...	78.0	84.3	87.2	85.2	84.0	89.5	88.9	89.4	88.4	83.0	84.8	86.0	84.8
2020 ...	82.2	86.5	87.3	86.2	86.6	89.4	88.4	89.8	93.0	87.7	91.5	91.2	100.4
2021 ...	88.3	97.2	98.4	105.0	106.0	107.4	106.7	110.4	108.5	106.2	107.2	106.4	114.4
2022 ...	104.9	114.4	120.8	122.7	123.4	126.0	124.7	128.6	127.0	121.9	127.2	128.6	123.3
Year	Grain and oilseed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	64.8	66.4	68.4	69.6	69.5	67.8	65.7	65.4	65.0	64.8	62.3	64.6	64.5
2019 ...	64.8	65.3	65.0	63.5	63.1	66.9	67.0	65.8	65.2	67.2	65.0	66.0	64.6
2020 ...	67.4	67.2	66.1	62.5	60.9	60.6	61.4	61.8	66.1	70.4	71.7	75.0	87.0
2021 ...	78.5	88.4	90.6	96.8	104.1	101.6	99.7	104.1	96.1	91.9	93.1	97.8	109.6
2022 ...	99.3	109.6	116.1	122.2	124.9	126.1	120.5	121.1	116.6	109.2	110.9	113.6	113.1
Year	Food grain												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	74.1	75.3	76.8	79.2	79.7	72.9	69.8	75.2	73.6	75.9	78.3	76.9	66.6
2019 ...	73.8	74.5	72.9	70.8	68.8	66.6	62.2	62.9	65.1	71.3	74.2	73.8	72.7
2020 ...	77.8	78.6	79.3	79.6	79.1	68.8	65.1	68.0	72.5	77.1	81.4	82.5	79.8
2021 ...	84.2	88.9	88.6	90.3	96.6	88.6	86.4	98.4	105.0	110.5	113.2	118.0	115.5
2022 ...	118.0	120.3	127.8	131.0	138.6	128.9	118.0	118.6	120.7	124.6	126.3	128.5	124.1
Year	Feed grain												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	55.2	56.9	58.9	59.9	61.4	60.2	58.7	58.2	57.6	57.2	57.0	59.2	61.2
2019 ...	59.4	60.3	60.6	59.0	60.6	66.6	69.7	66.6	63.8	64.1	61.2	61.7	59.2
2020 ...	63.1	63.1	61.6	55.1	53.6	53.2	54.7	54.1	57.9	60.8	64.1	67.2	81.4
2021 ...	71.2	80.0	82.0	88.8	98.5	99.8	101.7	104.7	91.3	83.9	87.9	91.5	104.9
2022 ...	93.2	101.7	109.4	117.7	120.8	122.5	120.0	121.1	118.3	108.7	108.6	110.1	111.4
Year	Oilseed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	74.1	75.3	76.8	79.2	79.7	72.9	69.8	75.2	73.6	75.9	78.3	76.9	66.6
2019 ...	73.8	74.5	72.9	70.8	68.8	66.6	62.2	62.9	65.1	71.3	74.2	73.8	72.7
2020 ...	77.8	78.6	79.3	79.6	79.1	68.8	65.1	68.0	72.5	77.1	81.4	82.5	79.8
2021 ...	84.2	88.9	88.6	90.3	96.6	88.6	86.4	98.4	105.0	110.5	113.2	118.0	115.5
2022 ...	118.0	120.3	127.8	131.0	138.6	128.9	118.0	118.6	120.7	124.6	126.3	128.5	124.1
Year	Fruit and tree nut												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	134.3	136.9	125.9	122.0	111.3	131.5	129.3	126.3	129.1	128.1	127.9	123.4	128.1
2019 ...	118.0	110.4	114.2	106.5	98.5	112.9	120.7	124.4	127.8	127.1	125.9	123.5	119.3
2020 ...	113.0	129.2	127.4	121.4	121.4	135.5	146.2	141.1	142.2	145.3	145.1	134.9	137.2
2021 ...	125.7	125.2	120.1	138.5	123.1	127.8	129.9	133.5	132.4	133.8	134.8	132.0	134.6
2022 ...	134.8	134.8	125.0	134.2	131.3	139.4	141.1	154.5	154.0	157.3	155.2	149.8	155.1

See footnote(s) at end of table.

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**Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2018-2022 (continued)**

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Vegetables & melons												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	101.8	96.7	117.5	95.1	104.3	99.6	88.5	93.3	91.0	97.8	143.7	153.0	108.1
2019 ....	117.2	122.8	144.4	113.7	104.5	127.5	121.9	102.1	99.5	123.5	144.5	135.1	121.5
2020 ....	188.4	110.7	127.7	111.1	108.7	132.7	118.1	100.1	122.9	133.7	150.6	116.7	126.2
2021 ....	120.8	98.6	104.4	93.0	93.5	103.3	103.7	99.3	123.0	193.2	174.1	121.9	120.3
2022 ....	132.1	131.5	174.4	128.4	127.6	127.9	137.1	142.9	161.2	240.2	305.4	296.7	175.7
Year	Other crop												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	83.0	79.8	80.8	82.8	87.2	91.6	92.7	92.6	96.3	91.9	89.3	90.5	90.3
2019 ....	84.9	84.8	86.4	88.1	91.0	93.7	92.9	86.8	94.0	87.3	82.2	82.9	84.0
2020 ....	80.4	80.4	79.4	78.5	80.9	85.5	87.0	86.6	92.9	87.9	84.4	85.5	87.8
2021 ....	86.2	88.6	88.7	89.5	97.5	103.0	103.0	105.2	109.9	107.4	104.3	105.0	108.8
2022 ....	107.8	109.4	111.6	112.7	111.4	118.0	126.1	124.5	127.1	121.9	110.3	109.9	115.4
Year	Food commodity												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	92.7	95.2	99.9	96.1	98.0	98.6	94.8	91.9	90.7	88.8	94.1	94.3	93.7
2019 ....	92.3	93.8	97.5	97.3	95.6	96.3	93.2	94.0	89.9	89.3	96.6	96.9	94.7
2020 ....	96.1	95.0	97.7	84.2	87.6	92.3	90.3	90.0	91.9	93.9	100.2	95.5	97.1
2021 ....	94.0	96.8	100.0	106.9	107.7	108.7	107.9	110.6	111.2	111.6	114.5	118.4	111.0
2022 ....	119.1	125.6	133.7	139.7	140.7	140.5	139.1	135.4	135.5	133.8	145.4	150.1	137.1
Year	Livestock production												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	94.7	94.2	99.8	95.7	98.3	98.5	95.6	89.7	88.7	91.4	92.7	92.3	94.3
2019 ....	97.7	95.0	97.8	100.4	99.2	97.0	93.7	93.3	87.5	90.9	96.2	97.1	95.6
2020 ....	98.4	94.6	97.1	78.2	82.6	86.7	84.4	83.6	83.8	90.2	93.9	90.5	88.8
2021 ....	91.2	92.6	96.8	103.6	106.6	107.2	107.1	108.7	108.6	107.8	110.2	120.1	105.1
2022 ....	124.3	126.1	134.4	145.1	146.0	145.0	145.8	134.6	136.3	138.9	143.4	150.4	139.0
Year	Meat animal												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	99.3	103.4	101.8	96.3	99.2	96.1	94.5	90.5	88.7	93.1	93.1	93.1	95.8
2019 ....	96.7	97.6	100.7	104.9	102.0	97.2	94.9	94.9	86.0	89.7	92.9	94.7	96.1
2020 ....	98.5	96.5	92.8	87.5	91.4	88.0	79.9	85.2	87.8	91.8	91.1	89.8	90.0
2021 ....	91.7	95.3	99.8	106.2	106.8	109.9	109.7	110.2	108.3	106.2	106.9	110.1	105.3
2022 ....	111.1	116.2	119.6	120.0	121.1	121.3	124.1	124.7	122.0	122.6	124.7	123.8	121.1
Year	Cattle												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	105.7	109.8	109.7	104.6	105.0	98.0	96.2	96.5	95.7	98.4	100.4	102.8	101.8
2019 ....	106.2	107.8	110.3	109.7	104.3	99.4	97.6	96.7	90.4	94.7	99.7	103.3	101.6
2020 ....	107.0	105.2	99.3	94.8	95.4	95.3	85.4	90.5	91.8	94.1	95.3	95.6	95.8
2021 ....	97.2	98.7	99.5	103.8	103.1	105.5	106.6	107.8	108.9	108.7	113.3	119.8	106.1
2022 ....	118.5	120.4	121.7	121.7	123.0	122.2	123.9	123.6	125.4	127.8	132.7	134.8	124.6
Year	Hog												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	78.9	82.1	75.2	68.1	77.4	88.9	88.1	66.6	65.0	75.6	69.5	65.3	75.1
2019 ....	67.1	65.3	69.9	89.3	93.7	89.5	85.1	88.0	71.7	73.8	72.2	71.1	78.1
2020 ....	71.9	68.4	71.7	63.6	76.7	62.1	60.0	64.5	74.7	84.7	78.0	73.8	70.9
2021 ....	75.5	84.8	101.1	113.7	119.2	124.4	120.3	118.8	106.5	98.5	88.1	85.0	103.0
2022 ....	88.4	103.2	112.9	114.6	114.1	118.3	124.8	129.0	111.0	106.0	100.3	94.0	109.7

See footnote(s) at end of table.

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**Prices Received Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2018-2022 (continued)**

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Dairy												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	80.6	76.1	77.6	78.6	80.6	81.1	77.1	80.1	84.1	87.1	85.6	82.6	80.9
2019 ...	82.6	83.6	87.6	88.1	89.6	90.0	93.0	94.0	96.0	100.0	105.5	103.0	92.7
2020 ...	97.0	93.5	88.6	71.1	67.7	90.0	102.0	92.0	87.6	98.5	104.5	90.0	90.2
2021 ...	87.1	83.1	86.1	91.0	95.0	90.5	88.6	87.6	91.0	97.5	103.0	108.0	92.4
2022 ...	120.4	122.9	128.9	134.8	135.8	133.8	127.9	120.9	121.4	128.9	127.4	122.9	127.2

  

Year	Poultry												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	111.2	112.0	140.2	129.2	131.5	137.1	130.0	104.1	96.6	95.5	105.0	108.4	116.5
2019 ...	111.8	99.9	101.3	103.1	102.7	102.8	91.9	89.4	83.2	86.0	95.1	96.7	96.9
2020 ...	99.4	91.8	112.2	67.0	79.3	81.5	79.6	74.4	73.7	81.4	91.2	92.0	85.3
2021 ...	93.7	96.2	101.3	111.7	118.1	119.4	119.5	124.4	125.8	120.3	124.4	151.1	117.1
2022 ...	160.4	154.3	178.0	216.9	214.6	213.1	214.9	173.8	186.8	189.3	207.3	239.3	195.2

<sup>1</sup> Weighted index using monthly commodity market shares.

**Prices Received Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2018-2022**

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Agricultural production												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	888	938	981	958	976	980	944	924	911	879	912	929	934
2019 ...	888	927	959	964	952	964	941	943	908	888	927	940	928
2020 ...	916	935	955	846	872	908	893	895	914	915	955	938	912
2021 ...	923	978	1007	1076	1097	1108	1104	1130	1121	1102	1120	1164	1077
2022 ...	1154	1238	1316	1382	1391	1394	1382	1357	1354	1318	1378	1421	1340

  

Year	Crop production												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	684	752	765	771	774	783	755	779	766	698	732	762	748
2019 ...	680	735	760	743	732	780	775	779	771	724	739	750	738
2020 ...	717	754	761	752	755	779	770	783	811	765	798	795	881
2021 ...	769	847	858	916	924	937	930	962	946	925	935	928	1003
2022 ...	914	997	1053	1069	1076	1098	1087	1121	1107	1063	1109	1121	1082

  

Year	Livestock production												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	2229	2248	2177	2066	2036	2003	1987	1986	2049	2119	2075	2091	2098
2019 ...	2092	2071	2088	2202	2071	1919	1934	1879	1876	1963	2007	2025	2011
2020 ...	2119	2069	1946	1756	1785	1789	1838	1894	1929	1964	2018	2037	1929
2021 ...	2047	2093	2124	2180	2058	2083	2145	2177	2174	2230	2225	2312	2154
2022 ...	2383	2479	2418	2413	2315	2330	2397	2470	2448	2441	2498	2554	2429

<sup>1</sup> Weighted index using monthly commodity market shares.

## Reliability of Prices Received Estimates

**Definition:** Prices received represent sales from producers to first buyers. They include all grades and qualities. The average commodity price from the survey multiplied by the total quantity marketed theoretically should give the total cash receipts for the commodity.

**Survey procedures:** Primary sales data used to determine grain prices were obtained from probability samples of about 1,900 mills and elevators. These procedures ensure that virtually all grain moving into commercial channels has a chance of being included in the survey. Generally, States surveyed account for 90 percent or more of total United States production. Livestock prices are obtained from packers, stockyards, auctions, dealers, and market check data from AMS-USDA, private marketing organizations, and state commodity groups and agencies. Inter-farm sales of grain and livestock are not included since they represent very small percentages of the total sales. Grain marketed for seed is also excluded. Fruit and vegetable prices are obtained from sample surveys and market check data from AMS-USDA, private marketing organizations, state agencies, and universities.

**Summary and estimation procedures:** Survey quantities sold are expanded by strata to state levels and used to weight average strata prices to a state average. State prices are then weighted to a United States price based on expanded sales. Recommendations are prepared by the Regional Field Offices and reviewed by the Agricultural Statistics Board in Washington, D.C. State recommendations are reviewed for reasonableness with survey data, other States, and recent historic estimates.

**Revisions:** In general, revisions are made during annual commodity market year estimation time, following five-year Census revisions, or when later information is received. Revisions are published in monthly issues of *Agricultural Prices*.

**Reliability:** United States price estimates based on probability surveys generally have a sampling error of less than one percent for the major commodities such as corn, wheat, soybeans, cotton, and rice. Current methods of summarization for non-probability commodities are not designed directly to calculate sampling errors. However, analytical measures approximate the United States relative sampling errors at around five percent. Any non-sampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these non-sampling errors.

**Program Changes:** See Price Program Links at the end of this report for details on program changes to the Prices Program methodology.

## December Prices Paid by Farmers

The December Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 137.1, is unchanged from November 2022 but up 9.6 percent from December 2021.

**Production:** The December index, at 136.7, is up 0.1 percent from November and 11 percent from last year. Higher prices in December for feeder pigs, other services, feeder cattle, and herbicides slightly offset lower prices for diesel, gasoline, LP gas, and complete feeds.

**Feed:** At 143.8, the December index decreased 0.2 percent from November but increased 14 percent from last December. Since November, lower prices for complete feeds, hay & forages, and concentrates more than offset higher prices for feed grains and supplements.

**Livestock and poultry:** The December index, at 129.3, increased 2.2 percent from November and 10 percent from last year. Since November, prices are higher for feeder cattle and feeder pigs. The December feeder cattle price, at \$180.00 per cwt, is up \$2.00 per cwt from the November price. The December feeder pigs price, at \$176.00 per cwt, is up \$30.00 per cwt from November.

**Fertilizer:** The index for December, at 132.5, is down 0.3 percent from November but up 11 percent from December a year ago. Since November, lower prices for nitrogen more than offset higher prices for mixed fertilizer. Potash & phosphate prices are unchanged.

**Chemicals:** The December index, at 158.4, is up 1.8 percent from November and 44 percent from last December.

**Fuels:** At 94.8, the December index is down 17 percent from November but up 14 percent from December 2021. Compared with November, prices are lower for diesel, gasoline, and LP gas.

**Machinery:** The index for December, at 178.3, decreased 0.3 percent from November but increased 11 percent from last December. Compared with last month, prices are lower for other machinery and tractors. Self-propelled machinery prices are unchanged.

**Consumer Price Index:** The December 2022 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, was down over the last 12 months to an index level of 132.0 (1982-1984=100). For the month, the index decreased 0.3 percent prior to seasonal adjustment.

## Prices Paid Indexes and Related Parity Ratios – United States: December 2022 with Comparisons

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Index Group and Ratios	1910-1914 Base			2011 Base		
	December 2021	November 2022	December 2022	December 2021	November 2022	December 2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for commodities, services, interest, taxes, and wage rates (PPITW) .....	3385	3710	3709	125.1	137.1	137.1
Production .....	2567	2844	2845	123.3	136.6	136.7
Feed .....	1385	1587	1583	125.8	144.1	143.8
Livestock and poultry .....	2312	2498	2554	117.1	126.5	129.3
Seeds .....	3856	3856	3856	117.3	117.3	117.3
Fertilizer .....	1435	1601	1596	119.1	132.9	132.5
Chemicals .....	990	1397	1422	110.3	155.6	158.4
Fuels .....	2335	3005	2652	83.5	107.4	94.8
Supplies and repairs .....	1558	1667	1663	132.1	141.3	141.0
Autos and trucks .....	3696	3917	3920	120.2	127.4	127.5
Machinery .....	9774	10924	10889	160.0	178.8	178.3
Building materials .....	3532	3814	3802	151.8	163.9	163.4
Services and rent .....	2814	2974	2989	(NA)	(NA)	(NA)
Services .....	(NA)	(NA)	(NA)	123.6	134.2	135.3
Rent .....	(NA)	(NA)	(NA)	116.1	117.0	126.1
Interest <sup>1</sup> .....	3993	4119	4119	109.5	112.9	112.9
Taxes <sup>2</sup> .....	7721	8008	8008	130.0	134.9	134.9
Wage rates .....	10618	11341	11341	148.3	158.4	158.4
Family living-CPI <sup>3</sup> .....	2649	2829	2820	124.0	132.4	132.0
Production, interest, taxes, and wage rates (PITW) .....	3535	3891	3892	125.3	137.9	138.0
Ratio (received/paid) .....	(NA)	(NA)	(NA)	90	98	101
Parity ratio <sup>4</sup> .....	34	37	38	(NA)	(NA)	(NA)
Parity ratio adjusted <sup>5</sup> .....	36	38	39	(NA)	(NA)	(NA)
PPITW adjusted for productivity <sup>6</sup> .....	1876	2038	2037	(NA)	(NA)	(NA)
Crop sector (PPITW) .....	(NA)	(NA)	(NA)	125.1	136.7	136.4
Livestock sector (PPITW) .....	(NA)	(NA)	(NA)	125.2	137.6	129.3
Farm sector (production) .....	(NA)	(NA)	(NA)	121.3	133.3	134.1
Non-farm sector (production) .....	(NA)	(NA)	(NA)	124.5	138.8	138.3

(NA) Not available.

<sup>1</sup> Interest per acre on farm real estate debt and interest rate on farm non-real estate debt.

<sup>2</sup> Farm real estate taxes payable per acre.

<sup>3</sup> Bureau of Labor Statistics, Consumer Price Index for all urban consumers (CPI-U), converted by the USDA.

<sup>4</sup> Ratio of index of prices received to PPITW (1910-1914=100).

<sup>5</sup> Based on estimated cash receipts, from marketings and government payments, the preliminary adjustment factor is updated annually.

<sup>6</sup> PPITW is adjusted based on productivity trend for the prior 15 years.

## Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States: December 2022 with Comparisons

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov). Relative weights are a five year moving average]

Index Group	Relative weights		Indexes (2011=100)		
	2021	2022	December 2021	November 2022	December 2022
	(percent)	(percent)	(percent)	(percent)	(percent)
Production items .....	72.8	72.5	123.3	136.6	136.7
Feed .....	13.8	13.6	125.8	144.1	143.8
Feed grains .....	2.0	1.9	94.0	110.9	112.0
Complete feeds .....	6.7	6.7	133.7	151.0	150.1
Hay and forages .....	1.7	1.7	126.0	152.3	151.4
Concentrates .....	2.2	2.2	123.3	136.5	136.1
Supplements .....	1.2	1.1	137.8	162.8	164.4
Livestock and poultry .....	9.5	9.6	117.1	126.5	129.3
Feeder cattle .....	7.4	7.5	117.6	129.9	131.4
Feeder pigs .....	0.8	0.8	135.0	104.3	125.7
Milk cow replacements .....	0.8	0.8	94.4	121.8	121.8
Poultry .....	0.6	0.6	117.7	117.7	117.7
Seeds .....	5.0	5.1	117.3	117.3	117.3
Field crops .....	4.6	4.6	115.8	115.8	115.8
Grasses and legumes .....	0.5	0.5	132.0	132.0	132.0
Fertilizer .....	5.4	5.5	119.1	132.9	132.5
Mixed fertilizer .....	2.4	2.4	106.8	125.2	125.8
Nitrogen .....	2.3	2.3	136.0	150.1	148.5
Potash and phosphate .....	0.8	0.8	107.0	105.7	105.7
Chemicals .....	3.6	3.6	110.3	155.6	158.4
Herbicides .....	2.2	2.3	113.0	159.5	162.4
Insecticides .....	0.8	0.8	105.9	149.5	152.2
Fungicides and other .....	0.5	0.5	105.1	148.3	150.9
Fuels .....	3.3	2.7	83.5	107.4	94.8
Diesel .....	2.0	1.7	81.4	118.7	106.5
Gasoline .....	0.7	0.6	86.4	97.6	85.4
LP gas .....	0.5	0.5	87.8	77.9	63.3
Supplies and repairs .....	4.5	4.5	132.1	141.3	141.0
Supplies .....	1.5	1.5	132.7	144.1	144.0
Repairs .....	3.0	3.0	131.8	139.9	139.5
Autos and trucks .....	1.1	1.2	120.2	127.4	127.5
Autos .....	0.1	0.2	114.4	121.3	121.5
Trucks .....	1.0	1.0	121.1	128.3	128.4
Machinery .....	4.3	4.3	160.0	178.8	178.3
Tractors .....	0.9	0.9	135.3	149.2	148.7
Self-propelled .....	1.7	1.7	156.3	184.4	184.4
Other machinery .....	1.6	1.6	178.2	190.1	188.9
Building materials .....	3.7	3.6	151.8	163.9	163.4
Services .....	11.8	11.7	123.6	134.2	135.3
Custom rates .....	1.2	1.2	114.7	126.0	126.0
Other services .....	10.6	10.5	124.7	135.1	136.3
Rent .....	6.8	7.0	116.1	117.0	117.0
Cash .....	3.6	3.8	124.5	126.1	126.1
Share .....	3.1	3.2	106.5	106.5	106.5
Interest .....	2.5	2.2	109.5	112.9	112.9
Taxes .....	3.1	3.2	130.0	134.9	134.9
Wage rates .....	7.5	7.8	148.3	158.4	158.4
Family living-CPI .....	14.1	14.3	124.0	132.4	132.0

## Feed Price Ratios – United States: December 2022 with Comparisons

Feed price ratio <sup>1</sup>	December 2021	November 2022	December 2022
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight <sup>2</sup> .....	5.1	4.3	4.2
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs <sup>3</sup> .....	9.3	23.6	32.2
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight .....	10.3	10.3	9.5
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk <sup>4</sup> .....	1.96	1.93	1.84
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight .....	25.8	23.7	24.0
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight <sup>5</sup> .....	6.1	8.1	7.6

<sup>1</sup> Effective January 1995, prices of commercial prepared feeds are based on current United States prices received for corn, soybeans, alfalfa hay, and all wheat.

<sup>2</sup> The price of commercial prepared broiler feed is based on current United States prices received for corn and soybeans. The modeled feed uses 58 percent corn and 42 percent soybeans.

<sup>3</sup> The price of commercial prepared layer feed is based on current United States prices received for corn and soybeans. The modeled feed uses 75 percent corn and 25 percent soybeans.

<sup>4</sup> The price of commercial prepared dairy feed is based on current United States prices received for corn, soybeans, and alfalfa. The modeled feed uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa.

<sup>5</sup> The price of commercial prepared turkey feed is based on current United States prices received for corn, soybeans, and wheat. The modeled feed uses 51 percent corn, 28 percent soybeans, and 21 percent wheat.

## Prices Received Used to Calculate Feed Price Ratios – United States: December 2022 with Comparisons

[Price data source for livestock and poultry commodities is United States Department of Agriculture's Agriculture Marketing Service]

Item	December 2021	November 2022	December 2022
	(dollars)	(dollars)	(dollars)
Broilers, live .....pound	0.735	0.714	0.711
Eggs, market .....dozen	1.16	3.43	4.77
Hogs, all .....cwt	56.50	66.70	62.50
Milk, all .....cwt	21.70	25.60	24.70
Steers and heifers .....cwt	141.00	154.00	158.00
Turkeys, live .....pound	0.839	1.260	1.200
Corn .....bushel	5.47	6.49	6.58
Hay, alfalfa .....ton	217.00	267.00	269.00
Soybeans .....bushel	12.50	14.00	14.40
Wheat, all .....bushel	8.59	9.16	8.98

## Prices Paid for Feeder Livestock – United States: December 2022 with Comparisons

[Price data source is United States Department of Agriculture's Agriculture Marketing Service]

Item	December 2021	November 2022	December 2022
	(dollars)	(dollars)	(dollars)
Feeder cattle & calves .....cwt	161.00	178.00	180.00
Feeder pigs .....cwt	189.00	146.00	176.00

## Annual Average Prices Paid for Feeder Livestock – United States: 2017-2022

Item	2017	2018	2019	2020	2021	2022
	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)	(dollars)
Feeders and stockers						
Cattle and calves .....cwt	146.00	148.00	141.00	138.00	147.00	168.00
Feeder pigs .....cwt	141.00	132.00	150.00	92.10	185.00	194.00

## Grazing Fee Rates for Cattle – States, Regions, and United States: 2021 and 2022

State	Survey average rates <sup>1</sup>					
	Animal unit <sup>2</sup>		Cow-calf		Per head	
	2021	2022	2021	2022	2021	2022
	(dollars per month)	(dollars per month)	(dollars per month)	(dollars per month)	(dollars per month)	(dollars per month)
Arizona .....	(S)	(S)	(S)	(S)	(S)	(S)
California .....	22.00	22.80	27.60	(S)	24.00	25.80
Colorado .....	19.50	19.50	23.50	23.00	20.00	20.00
Idaho .....	19.00	19.00	22.50	22.50	19.50	19.50
Kansas .....	22.50	23.00	27.00	28.50	28.00	30.50
Montana .....	26.50	27.00	28.00	28.00	26.00	26.50
Nebraska .....	49.00	44.00	58.00	52.00	44.00	43.00
Nevada .....	(S)	(S)	(S)	(S)	18.00	(S)
New Mexico .....	16.50	16.50	(S)	(S)	17.00	17.00
North Dakota .....	23.00	23.50	25.00	27.50	(S)	24.00
Oklahoma .....	11.00	10.00	(S)	14.00	11.50	13.00
Oregon .....	18.50	19.00	21.50	22.00	21.50	22.50
South Dakota .....	33.00	37.00	38.00	44.00	37.00	43.00
Texas .....	10.00	12.00	(S)	(S)	14.00	17.00
Utah .....	18.50	19.00	20.00	(S)	19.50	19.50
Washington .....	14.50	16.00	(S)	(S)	(S)	(S)
Wyoming .....	24.50	24.50	25.50	26.50	24.50	25.00
17-State <sup>3</sup> .....	21.20	21.50	24.70	25.70	22.80	24.60
16-State <sup>4</sup> .....	24.90	24.60	28.70	29.20	25.70	27.10
11-State <sup>5</sup> .....	20.70	21.00	23.60	23.90	21.90	22.50
9-State <sup>6</sup> .....	21.30	21.60	24.90	26.10	23.00	25.00

(S) Insufficient number of reports to establish an estimate.

<sup>1</sup> The average rates are estimates based on survey indications of monthly lease rates for private, non-irrigated grazing land from the January Cattle Survey.

<sup>2</sup> Animal unit (AUM) rate includes survey rates for both animal unit and cow-calf. The rate is converted to an AUM rate using a multiplier factor of 0.833. The multiplier factor is the conversion of a 1,200 pound cow to a 1,000 pound cow.

<sup>3</sup> 17 Western States: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming.

<sup>4</sup> 16 Western States: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Utah, Washington, and Wyoming.

<sup>5</sup> 11 Western States: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>6</sup> 9 Great Plains States: Colorado, Kansas, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, and Wyoming.

## Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2018-2022

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Commodities, services, interest, taxes, and wage rates (PPITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ....	108.6	109.5	109.7	109.3	109.7	109.4	109.5	109.6	109.5	110.0	110.1	110.3	110.7
2019 ....	110.7	110.7	110.8	111.3	110.7	110.2	110.3	109.5	109.1	109.8	110.0	110.0	110.3
2020 ....	110.9	110.6	109.7	108.5	108.5	108.7	109.5	109.8	110.3	111.1	112.0	112.7	110.2
2021 ....	113.4	114.7	116.0	117.0	117.9	119.2	120.4	120.9	121.3	122.6	123.7	125.1	119.4
2022 ....	128.7	130.7	132.7	135.1	135.1	135.6	136.2	136.9	136.7	137.1	137.1	137.1	134.9
Year	Items used for production, interest, taxes, and wage rates (PITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ....	108.3	109.3	109.4	109.0	109.4	109.0	109.1	109.2	109.1	109.7	109.8	110.0	110.5
2019 ....	110.5	110.4	110.4	110.9	110.2	109.6	109.7	108.8	108.3	109.1	109.2	109.3	109.7
2020 ....	110.3	109.9	108.9	107.6	107.7	107.8	108.6	108.9	109.4	110.4	111.4	112.2	109.4
2021 ....	112.9	114.4	115.7	116.7	117.6	118.9	120.2	120.8	121.2	122.6	123.7	125.3	119.2
2022 ....	129.3	131.5	133.5	136.1	135.9	136.3	137.0	137.7	137.5	137.8	137.9	138.0	135.7
Year	Items used for production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ....	106.0	107.1	107.3	107.1	107.6	107.2	106.8	106.9	106.7	107.3	107.4	107.7	108.6
2019 ....	107.6	107.5	107.6	108.4	107.6	106.8	106.8	105.7	105.1	105.9	106.1	106.2	106.8
2020 ....	107.0	106.5	105.3	103.9	104.0	104.2	104.6	105.0	105.6	106.5	107.7	108.7	105.8
2021 ....	109.0	110.7	112.3	113.7	114.8	116.3	117.3	118.0	118.4	120.1	121.4	123.3	116.3
2022 ....	126.5	129.1	131.4	135.0	134.7	135.1	135.6	136.5	136.2	136.5	136.6	136.7	134.2
Year	Feed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ....	96.1	100.6	102.2	103.8	105.6	103.7	102.0	102.0	99.1	98.7	98.5	99.9	99.8
2019 ....	104.1	103.9	104.0	104.5	104.4	105.4	104.7	103.9	103.1	103.4	103.1	103.5	104.0
2020 ....	106.5	106.1	105.5	105.5	104.4	103.3	103.6	103.0	104.2	107.6	110.9	113.6	106.2
2021 ....	111.2	115.6	117.9	119.5	125.2	125.8	125.5	125.4	123.1	122.4	123.6	125.8	121.8
2022 ....	128.6	132.6	138.6	143.2	143.3	142.9	144.8	146.5	147.1	144.6	144.1	143.8	141.7
Year	Livestock & poultry												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ....	112.9	113.9	110.3	104.6	103.1	101.5	100.6	100.6	103.8	107.4	105.1	105.9	105.8
2019 ....	106.0	104.9	105.7	111.5	104.9	97.2	98.0	95.2	95.0	99.4	101.6	102.6	101.8
2020 ....	107.3	104.8	98.6	88.9	90.4	90.6	93.1	95.9	97.7	99.5	102.2	103.2	97.7
2021 ....	103.7	106.0	107.6	110.4	104.2	105.5	108.7	110.3	110.1	112.9	112.7	117.1	109.1
2022 ....	120.7	125.6	122.5	122.2	117.2	118.0	121.4	125.1	124.0	123.6	126.5	129.3	123.0
Year	Seeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ....	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	118.5
2019 ....	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9
2020 ....	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1
2021 ....	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3
2022 ....	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3	117.3
Year	Fertilizer												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ....	66.8	69.2	69.7	69.6	70.0	69.5	69.2	69.2	70.2	71.8	73.1	73.3	66.7
2019 ....	75.6	76.4	75.6	75.0	74.3	73.1	71.1	69.7	69.2	68.7	67.3	65.3	71.8
2020 ....	66.3	65.9	66.8	67.9	68.6	67.6	66.9	66.6	67.6	68.8	70.0	71.4	67.9
2021 ....	71.8	75.1	77.6	80.5	83.8	89.3	92.6	93.3	95.7	102.4	109.8	119.1	90.9
2022 ....	123.6	127.6	133.1	139.7	139.3	134.6	125.6	128.6	127.8	131.1	132.9	132.5	131.4
Year	Chemicals												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ....	100.2	101.2	104.8	104.2	103.1	103.1	100.2	101.5	97.8	97.0	107.2	107.5	100.7
2019 ....	102.5	100.8	99.9	99.7	99.8	101.5	102.9	95.6	88.8	94.3	95.3	93.5	97.9
2020 ....	95.7	95.7	93.9	94.0	95.3	95.8	95.8	95.8	95.8	94.5	96.6	96.0	95.4
2021 ....	98.2	94.7	98.2	99.5	98.6	102.7	101.1	103.1	105.4	110.3	110.3	110.3	102.7
2022 ....	115.2	115.2	115.2	149.3	146.4	150.4	151.6	152.2	152.7	156.1	155.6	158.4	143.2

See footnote(s) at end of table.

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**Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2018-2022 (continued)**

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Fuels												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	68.8	68.3	66.9	69.8	73.5	73.3	73.6	73.9	75.7	75.8	70.8	65.9	71.1
2019 ...	67.9	68.6	70.6	72.2	71.6	67.1	67.4	64.4	65.4	66.5	68.0	66.8	68.0
2020 ...	65.2	62.0	55.7	51.5	52.8	56.3	57.0	57.4	56.9	57.3	58.1	63.2	57.8
2021 ...	62.5	66.3	72.4	71.0	72.7	76.3	79.2	79.8	82.9	89.0	88.3	83.5	77.0
2022 ...	88.7	95.8	117.3	114.7	121.6	126.7	119.8	109.2	106.0	107.7	107.4	94.8	109.1
Year	Supplies & repairs												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	109.1	109.1	109.3	110.4	110.9	111.2	112.0	112.9	113.3	113.7	113.6	113.7	111.6
2019 ...	114.2	114.2	114.3	114.4	114.5	114.5	115.1	115.0	115.0	115.1	115.1	115.1	114.7
2020 ...	115.5	115.8	115.7	116.5	116.5	116.4	116.8	116.7	116.8	117.2	117.2	117.3	116.5
2021 ...	118.1	118.6	119.2	120.4	122.3	125.1	126.7	127.4	127.9	129.0	131.8	132.1	124.9
2022 ...	133.8	135.1	135.8	138.8	139.1	139.3	140.5	140.9	141.0	141.3	141.3	141.0	139.0
Year	Autos & trucks												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	106.1	105.9	105.9	105.5	105.6	105.7	105.6	105.4	105.0	104.9	105.0	105.2	105.5
2019 ...	105.9	106.2	106.6	106.6	106.5	106.2	105.9	105.5	105.1	105.0	105.1	105.5	105.8
2020 ...	106.2	106.6	106.1	106.1	106.2	106.1	106.5	106.2	106.2	106.8	106.9	107.6	106.5
2021 ...	107.8	107.9	107.8	108.4	110.0	111.9	113.6	114.6	115.8	117.6	118.9	120.2	112.9
2022 ...	120.9	121.2	121.3	122.4	123.6	124.5	125.4	126.0	126.5	127.2	127.4	127.5	124.5
Year	Machinery												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	124.1	123.7	123.7	123.7	124.0	124.0	124.8	124.8	125.3	126.4	127.6	128.1	120.0
2019 ...	122.6	122.7	122.7	122.8	122.5	123.5	123.5	123.5	123.6	123.6	123.4	125.4	123.3
2020 ...	124.1	124.1	124.3	124.3	124.3	124.8	124.8	125.2	125.0	125.8	125.5	125.8	124.8
2021 ...	135.7	136.6	138.1	139.4	140.5	142.1	144.4	146.4	151.0	154.9	157.9	160.0	145.6
2022 ...	160.3	165.4	165.3	168.7	168.2	171.1	172.6	173.8	174.2	179.6	178.8	178.3	171.4
Year	Building materials												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	112.6	113.3	114.8	115.3	116.6	117.0	117.2	117.1	117.3	117.3	117.1	117.3	116.1
2019 ...	117.8	118.2	118.0	118.4	118.3	118.0	118.6	118.1	118.0	117.9	117.9	117.9	118.1
2020 ...	118.5	118.8	119.5	118.8	118.8	119.3	120.0	121.6	123.7	123.4	122.8	123.8	120.8
2021 ...	126.5	128.7	131.8	135.4	140.2	143.8	144.1	144.0	144.5	146.3	148.9	151.8	140.5
2022 ...	157.1	160.0	163.2	163.9	165.3	164.9	165.3	166.0	165.2	164.5	163.9	163.4	163.6
Year	Services <sup>2</sup>												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	113.5	113.6	113.8	113.8	114.3	114.9	115.1	115.2	115.3	115.1	114.8	114.9	128.1
2019 ...	116.5	116.6	116.3	116.3	116.6	117.4	117.4	117.2	116.9	116.6	116.4	116.2	116.7
2020 ...	116.5	116.3	116.3	116.0	115.6	116.4	116.7	116.6	116.7	116.6	117.2	117.3	116.5
2021 ...	118.0	118.6	118.9	119.7	120.1	120.4	120.7	121.5	122.0	122.1	123.0	123.6	120.7
2022 ...	127.9	128.6	129.7	130.9	132.1	133.3	135.1	135.6	135.2	135.5	134.2	135.3	132.8
Year	Rent <sup>2</sup>												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.5	119.3
2019 ...	116.4	116.4	116.4	116.4	116.4	116.4	116.4	116.4	116.4	116.4	116.4	116.4	116.4
2020 ...	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6	117.6
2021 ...	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1	116.1
2022 ...	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0
Year	Ratio (paid/received)												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ...	79	83	86	85	86	87	83	82	80	77	80	82	82
2019 ...	77	81	84	84	83	85	83	83	81	78	82	83	82
2020 ...	80	82	85	76	78	81	79	79	81	80	83	81	80
2021 ...	80	83	84	89	90	90	89	91	90	87	88	90	88
2022 ...	87	92	96	99	100	99	99	96	96	93	98	101	96

See footnote(s) at end of table.

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**Prices Paid Indexes as a Percent of 2011 Base, Monthly and Annual Average – United States: 2018-2022 (continued)**

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Interest												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.8
2019 ....	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
2020 ....	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
2021 ....	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5	109.5
2022 ....	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9
Year	Taxes												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1
2019 ....	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4	120.4
2020 ....	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8	126.8
2021 ....	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
2022 ....	134.9	134.9	134.9	134.9	134.9	134.9	134.9	134.9	134.9	134.9	134.9	134.9	134.9	134.9
Year	Wage rates												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	125.8	125.8	125.8	122.6	122.6	122.6	127.6	127.6	127.6	129.3	129.3	129.3	129.3	126.3
2019 ....	133.7	133.7	133.7	131.5	131.5	131.5	133.2	133.2	133.2	134.2	134.2	134.2	134.2	133.2
2020 ....	136.6	136.6	136.6	134.7	134.7	134.7	139.6	139.6	139.6	141.8	141.8	141.8	141.8	138.2
2021 ....	144.9	144.9	144.9	142.7	142.7	142.7	148.3	148.3	148.3	148.3	148.3	148.3	148.3	146.1
2022 ....	157.6	157.6	157.6	153.9	153.9	153.9	157.6	157.6	157.6	158.4	158.4	158.4	158.4	156.9
Year	Family living												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	110.2	110.7	111.0	111.4	111.9	112.0	112.1	112.1	112.2	112.4	112.1	111.7	111.7	111.7
2019 ....	111.9	112.4	113.0	113.6	113.9	113.9	114.1	114.1	114.2	114.4	114.4	114.3	113.7	113.7
2020 ....	114.7	115.0	114.8	114.0	114.0	114.6	115.2	115.6	115.7	115.8	115.7	115.8	115.1	115.1
2021 ....	116.3	116.9	117.8	118.7	119.7	120.8	121.4	121.6	122.0	123.0	123.6	124.0	120.5	120.5
2022 ....	125.0	126.2	127.8	128.6	130.0	131.8	131.7	131.7	132.0	132.5	132.4	132.0	130.1	130.1
Year	Production items with farm origin <sup>3</sup>												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	105.1	107.6	107.3	106.4	106.8	105.4	104.3	104.2	103.8	104.7	103.9	104.8	105.3	105.3
2019 ....	106.5	106.0	106.4	108.5	106.3	104.2	104.2	102.8	102.4	104.0	104.6	105.1	105.1	105.1
2020 ....	108.0	107.0	104.6	101.4	101.4	100.9	101.9	102.5	103.7	105.9	108.4	110.0	104.6	104.6
2021 ....	109.7	112.7	114.3	116.0	116.8	117.5	118.4	118.9	117.7	118.3	118.8	121.3	116.7	116.7
2022 ....	123.9	127.4	129.3	131.4	129.8	129.8	131.9	134.0	133.9	132.6	133.3	134.1	131.0	131.0
Year	Production items with non-farm origin <sup>4</sup>												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	106.5	106.9	107.4	107.6	108.0	108.2	108.2	108.4	108.5	108.7	109.4	109.4	110.4	110.4
2019 ....	108.3	108.4	108.3	108.4	108.3	108.3	108.3	107.3	106.7	107.1	107.0	106.8	107.8	107.8
2020 ....	106.4	106.1	105.7	105.5	105.7	106.1	106.3	106.4	106.7	106.9	107.3	107.9	106.4	106.4
2021 ....	108.6	109.5	111.0	112.2	113.5	115.6	116.6	117.4	118.8	121.2	123.1	124.5	116.0	116.0
2022 ....	128.2	130.2	132.8	137.3	137.9	138.5	137.9	138.0	137.7	139.1	138.8	138.3	136.2	136.2
Year	Crop sector (PPITW)												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	109.5	109.9	110.2	110.1	110.4	110.4	110.8	110.9	110.9	111.3	111.8	111.8	112.0	112.0
2019 ....	111.5	111.6	111.6	111.5	111.4	111.3	111.5	110.8	110.3	110.8	110.8	110.6	111.1	111.1
2020 ....	110.9	110.8	110.4	110.0	110.1	110.4	111.1	111.2	111.4	111.8	112.1	112.5	111.1	111.1
2021 ....	113.7	114.3	115.4	116.0	116.9	118.3	119.6	120.1	121.0	122.7	124.0	125.1	118.9	118.9
2022 ....	128.8	130.2	132.0	134.9	135.3	135.9	135.7	135.9	135.7	136.8	136.7	136.4	134.5	134.5
Year	Livestock Sector (PPITW)												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	107.5	109.0	109.0	108.5	109.0	108.4	108.1	108.1	107.9	108.6	108.1	108.5	109.2	109.2
2019 ....	109.8	109.7	110.0	111.1	110.0	108.9	109.0	108.1	107.8	108.8	109.1	109.3	109.3	109.3
2020 ....	110.9	110.4	108.9	106.9	106.9	106.9	107.9	108.3	109.1	110.5	111.9	113.0	109.3	109.3
2021 ....	113.1	115.1	116.6	117.9	118.9	120.1	121.2	121.7	121.5	122.6	123.4	125.2	119.8	119.8
2022 ....	128.5	131.3	133.4	135.2	134.8	135.4	136.7	137.8	137.7	137.4	137.6	137.8	135.3	135.3

<sup>1</sup> Weighted index using 5-year average production expenditures

<sup>2</sup> For the 2011=100 base period, the Services & Rent Index is separated.

<sup>3</sup> Feed, livestock & poultry purchases, and seed.

<sup>4</sup> Fertilizer, agricultural chemicals, fuels, supplies & repairs, autos & trucks, machinery, building materials, and services & rent.

## Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2018-2022

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Feed grains												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	56.5	57.8	59.5	60.7	62.2	62.0	59.9	57.9	58.1	57.8	57.7	59.6	59.1
2019 ...	59.9	60.7	60.9	59.4	61.2	67.1	70.0	65.2	63.5	64.1	61.7	62.0	63.0
2020 ...	63.2	63.1	61.9	56.5	55.6	55.6	57.2	54.6	59.7	63.4	66.9	69.5	60.6
2021 ...	73.9	83.1	84.8	91.6	100.4	101.1	101.6	103.8	91.7	85.8	90.0	94.0	91.8
2022 ...	96.0	104.4	111.7	119.9	122.5	121.7	118.2	120.1	118.5	111.0	110.9	112.0	113.9
Year	Complete feeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	104.3	105.9	107.8	108.0	109.6	109.2	107.1	106.8	104.9	103.9	103.9	104.6	105.4
2019 ...	108.6	108.2	108.3	108.5	107.9	109.0	109.8	109.9	109.7	109.5	109.8	110.1	109.1
2020 ...	114.3	114.0	113.5	114.8	113.1	111.7	111.8	111.4	112.5	115.7	119.9	123.4	114.7
2021 ...	118.6	123.1	126.2	127.1	131.8	133.7	133.0	131.5	130.9	130.0	131.4	133.7	129.3
2022 ...	137.0	140.7	147.7	151.8	153.5	152.6	152.7	153.7	154.4	151.4	151.0	150.1	149.7
Year	Hay & forages												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	93.2	93.9	97.8	104.1	106.9	103.8	104.0	104.9	106.2	105.8	106.0	109.8	103.0
2019 ...	111.0	112.4	114.4	120.6	119.7	114.0	107.3	104.3	102.1	104.3	104.3	104.1	109.9
2020 ...	103.4	104.0	103.5	104.0	104.6	102.0	103.1	103.1	98.8	102.1	101.0	101.0	102.6
2021 ...	101.7	104.7	107.8	109.6	119.6	119.6	121.5	124.5	125.0	126.7	124.6	126.0	117.6
2022 ...	124.7	127.1	129.9	139.1	131.7	133.0	149.7	155.4	153.2	156.6	152.3	151.4	142.0
Year	Concentrates												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	99.4	120.5	120.3	123.3	126.4	120.0	117.8	118.1	105.1	106.8	103.8	104.2	110.2
2019 ...	119.3	117.6	116.9	116.3	115.9	117.4	113.8	115.4	113.7	113.9	113.5	114.3	115.7
2020 ...	116.8	116.4	115.5	116.4	116.9	116.4	115.8	115.4	116.7	120.8	125.3	127.0	118.3
2021 ...	128.6	130.2	129.5	129.2	130.4	128.1	125.7	124.8	123.3	122.2	122.4	123.3	126.5
2022 ...	129.4	131.0	135.5	137.3	134.4	133.8	136.1	140.1	141.6	134.3	136.5	136.1	135.5
Year	Supplements												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	113.5	114.6	114.8	115.3	115.9	112.1	111.6	114.4	113.4	113.0	114.6	118.0	112.3
2019 ...	114.5	113.7	112.9	111.3	113.4	114.5	113.3	111.9	113.5	113.1	113.5	114.3	113.3
2020 ...	119.6	117.0	117.3	116.3	113.3	113.3	113.0	112.7	116.5	119.4	121.4	125.0	117.1
2021 ...	112.5	116.0	119.2	118.9	127.9	127.1	128.3	129.1	128.3	134.7	135.8	137.8	126.3
2022 ...	139.3	144.0	150.3	150.2	153.4	154.3	153.2	148.3	154.7	163.5	162.8	164.4	153.2
Year	Feeder Cattle												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	110.8	111.6	108.0	104.2	103.9	104.8	106.6	107.7	110.4	113.4	109.7	106.6	108.1
2019 ...	106.8	105.8	105.8	108.9	102.8	97.4	99.7	98.5	97.8	102.2	104.5	104.1	102.9
2020 ...	107.8	105.6	99.0	92.2	94.9	96.0	98.7	101.5	100.8	101.0	103.9	103.4	100.4
2021 ...	101.8	102.8	102.5	104.8	99.8	103.6	109.0	111.1	109.5	113.1	113.3	117.6	107.4
2022 ...	119.2	121.2	116.6	116.7	115.8	118.6	121.9	126.9	127.0	127.7	129.9	131.4	122.7
Year	Feeder pigs												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	145.7	150.0	140.7	117.9	102.1	72.9	47.9	35.7	50.0	71.4	79.3	120.0	94.5
2019 ...	125.0	121.4	132.1	173.6	150.7	106.4	87.9	65.0	69.3	75.7	80.7	97.1	107.1
2020 ...	114.3	103.6	90.7	40.0	32.1	23.6	24.3	32.1	61.4	79.3	85.7	102.1	65.8
2021 ...	120.0	138.6	161.4	173.6	145.0	124.3	110.0	110.0	123.6	126.4	121.4	135.0	132.4
2022 ...	161.4	202.9	208.6	191.4	137.1	120.0	120.0	117.9	102.9	90.0	104.3	125.7	140.2
Year	Milk cow replacements												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	107.0	107.0	107.0	95.8	95.8	95.8	93.0	93.0	93.0	86.6	86.6	86.6	95.6
2019 ...	80.3	80.3	80.3	80.3	80.3	80.3	86.6	86.6	86.6	92.3	92.3	92.3	84.9
2020 ...	91.5	91.5	91.5	88.0	88.0	88.0	92.3	92.3	92.3	94.4	94.4	94.4	91.6
2021 ...	95.8	95.8	95.8	96.5	96.5	96.5	97.2	97.2	97.2	94.4	94.4	94.4	96.0
2022 ...	97.2	97.2	97.2	110.6	110.6	110.6	120.4	120.4	120.4	121.8	121.8	121.8	112.5

See footnote(s) at end of table.

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**Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2018-2022 (continued)**

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Poultry												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3
2019 ....	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3	104.3
2020 ....	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1	113.1
2021 ....	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7
2022 ....	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7	117.7
Year	Field crop seeds												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	117.3
2019 ....	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6	111.6
2020 ....	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4	112.4
2021 ....	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8
2022 ....	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8	115.8
Year	Grass & legume seeds												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	131.8	130.0
2019 ....	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
2020 ....	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8	119.8
2021 ....	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0
2022 ....	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0
Year	Mixed fertilizer												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	68.3	69.2	69.9	69.7	71.1	70.6	71.3	71.3	72.2	72.8	73.6	73.4	68.0	
2019 ....	74.6	74.2	73.1	73.6	72.5	72.3	70.5	70.1	70.2	69.7	69.1	68.3	71.5	
2020 ....	65.1	64.5	65.0	64.6	65.5	65.2	65.3	65.1	66.1	66.6	68.4	69.3	65.9	
2021 ....	80.5	82.8	84.5	85.9	88.1	90.6	94.4	97.0	99.3	100.3	103.6	106.8	92.8	
2022 ....	111.6	113.0	113.3	115.2	115.7	116.6	115.7	124.9	124.6	125.1	125.2	125.8	118.9	
Year	Nitrogen												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	67.7	71.5	71.4	71.5	70.9	69.9	68.1	68.4	69.2	72.0	74.0	74.7	66.5	
2019 ....	76.0	78.7	78.0	77.3	77.0	75.2	73.7	70.8	70.0	70.5	69.4	65.2	73.5	
2020 ....	68.9	68.6	69.2	72.3	72.2	70.0	68.9	68.0	68.7	70.2	70.1	71.6	69.9	
2021 ....	66.8	70.9	72.8	76.9	79.9	89.2	91.5	89.9	92.0	106.1	118.6	136.0	90.9	
2022 ....	141.7	149.8	158.6	171.7	170.3	160.8	142.6	140.2	138.6	145.9	150.1	148.5	151.6	
Year	Potash & phosphate												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	59.4	62.2	64.1	64.1	63.7	64.6	65.6	64.8	66.8	68.4	68.7	68.9	62.9	
2019 ....	77.6	76.7	76.6	72.6	71.5	69.4	65.0	64.8	63.3	59.9	55.2	55.8	67.4	
2020 ....	62.6	62.4	65.2	65.3	67.7	67.9	66.1	66.8	69.1	71.8	75.1	77.2	68.1	
2021 ....	59.1	63.3	70.6	74.4	82.4	85.6	90.0	91.7	95.2	98.0	103.3	107.0	85.1	
2022 ....	107.1	107.1	118.8	120.8	120.8	112.4	105.7	105.7	105.9	105.8	105.7	105.7	110.1	
Year	Herbicides												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	100.7	101.8	105.4	104.8	103.7	103.7	100.7	102.1	98.4	97.6	107.8	108.1	101.7	
2019 ....	104.2	102.5	101.7	101.4	101.5	103.2	104.7	97.3	90.3	95.9	96.9	95.1	99.6	
2020 ....	96.7	96.7	94.9	95.0	96.3	96.8	96.8	96.8	96.8	95.5	97.6	97.0	96.4	
2021 ....	100.7	97.1	100.6	101.9	101.1	105.2	103.6	105.7	108.1	113.0	113.0	113.0	105.3	
2022 ....	118.1	118.1	118.1	153.0	150.0	154.2	155.4	156.0	156.5	160.0	159.5	162.4	146.8	
Year	Insecticides												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ....	100.2	101.2	104.8	104.3	103.1	103.1	100.2	101.5	97.8	97.1	107.2	107.5	100.9	
2019 ....	96.6	95.0	94.2	93.9	94.0	95.6	97.0	90.1	83.6	88.8	89.8	88.1	92.2	
2020 ....	93.5	93.5	91.7	91.8	93.0	93.5	93.5	93.5	93.5	92.3	94.3	93.7	93.2	
2021 ....	94.4	91.0	94.3	95.6	94.7	98.7	97.1	99.1	101.3	105.9	105.9	105.9	98.7	
2022 ....	110.7	110.7	110.7	143.4	140.7	144.5	145.7	146.2	146.7	150.0	149.5	152.2	137.6	

See footnote(s) at end of table.

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**Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2018-2022 (continued)**

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Fungicides & other												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	97.5	98.5	102.0	101.4	100.3	100.3	97.5	98.8	95.2	94.4	104.3	104.6	95.7
2019 ...	104.4	102.7	101.8	101.6	101.6	103.4	104.8	97.4	90.4	96.0	97.0	95.3	99.7
2020 ...	95.0	95.0	93.2	93.3	94.5	95.1	95.1	95.1	95.1	93.8	95.8	95.2	94.7
2021 ...	93.6	90.2	93.5	94.8	94.0	97.8	96.3	98.2	100.4	105.1	105.1	105.1	97.8
2022 ...	109.8	109.8	109.8	142.2	139.5	143.3	144.4	145.0	145.4	148.7	148.3	150.9	136.4
Year	Diesel												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	67.2	67.8	66.5	68.9	71.8	72.4	72.0	71.7	72.6	74.9	73.5	69.5	70.7
2019 ...	65.0	65.4	67.1	68.1	69.0	67.4	66.4	65.6	65.8	66.6	67.0	66.7	66.7
2020 ...	62.6	59.7	56.0	51.2	49.1	49.4	50.0	49.9	49.6	49.0	49.9	53.1	52.5
2021 ...	59.9	63.6	70.4	69.9	71.9	73.4	74.6	74.9	75.6	80.7	83.3	81.4	73.3
2022 ...	84.1	91.1	115.4	115.7	125.9	130.0	124.0	113.2	112.8	117.7	118.7	106.5	112.9
Year	Gasoline												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	67.0	67.9	68.0	72.1	75.0	74.6	73.5	73.1	73.2	73.9	68.7	61.7	70.7
2019 ...	60.2	61.7	66.8	74.2	75.9	72.2	72.7	69.7	69.1	70.2	69.4	68.1	69.2
2020 ...	69.5	66.8	61.4	51.1	51.7	57.2	59.9	59.9	59.9	59.2	58.0	60.2	59.6
2021 ...	61.4	65.6	73.5	74.8	78.0	80.1	81.9	82.6	83.0	85.8	88.5	86.4	78.5
2022 ...	87.7	92.7	111.0	108.2	116.9	129.3	119.9	105.1	98.0	101.1	97.6	85.4	104.4
Year	LP Gas												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	76.7	70.3	67.1	70.0	78.1	74.9	79.9	82.9	90.0	81.6	63.4	57.6	74.4
2019 ...	87.8	88.9	88.5	84.8	76.2	59.3	64.3	53.5	59.2	61.5	70.4	65.5	71.7
2020 ...	69.7	64.4	47.3	53.0	67.6	80.4	79.6	82.0	80.3	85.3	88.4	104.4	75.2
2021 ...	73.3	76.9	78.3	69.9	69.3	82.0	92.6	94.8	109.7	123.6	106.4	87.8	88.7
2022 ...	106.9	117.0	132.4	119.1	111.6	111.5	104.4	99.7	90.6	78.6	77.9	63.3	101.1
Year	Supplies												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	109.3	109.5	109.9	110.5	110.7	111.2	111.7	112.6	113.3	113.5	113.3	113.5	111.6
2019 ...	114.6	114.8	114.8	114.8	115.3	115.8	116.1	116.1	115.9	115.9	116.0	116.1	115.5
2020 ...	116.3	116.6	116.5	117.3	117.1	117.3	117.3	117.4	117.8	118.3	118.4	118.7	117.4
2021 ...	119.5	120.2	121.5	123.5	126.2	128.4	131.0	131.4	131.4	132.3	132.2	132.7	127.5
2022 ...	135.3	137.6	139.7	142.4	142.6	143.2	143.9	144.0	144.3	144.5	144.1	144.0	142.1
Year	Repairs												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	109.0	108.9	109.0	110.3	111.0	111.2	112.2	113.1	113.3	113.8	113.8	113.8	111.6
2019 ...	114.0	113.9	114.0	114.2	114.0	113.9	114.6	114.4	114.5	114.7	114.7	114.7	114.3
2020 ...	115.1	115.4	115.3	116.1	116.2	116.0	116.6	116.4	116.4	116.7	116.6	116.6	116.1
2021 ...	117.4	117.8	118.0	118.8	120.3	123.5	124.5	125.4	126.1	127.3	131.5	131.8	123.5
2022 ...	133.0	133.9	133.9	136.9	137.3	137.3	138.9	139.3	139.4	139.7	139.9	139.5	137.4
Year	Autos												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	100.1	100.0	99.9	99.5	99.8	100.0	100.0	99.7	99.7	99.6	99.8	99.9	99.8
2019 ...	100.5	100.6	100.9	100.9	100.9	100.8	100.6	100.3	99.8	99.8	99.8	100.1	100.4
2020 ...	100.8	101.4	100.9	100.6	100.7	100.9	101.5	101.3	101.3	101.5	101.5	102.2	101.2
2021 ...	102.5	102.7	102.2	102.3	103.9	105.7	107.3	108.5	109.4	110.8	112.5	114.4	106.9
2022 ...	114.7	115.1	115.2	116.8	118.2	118.9	119.9	120.4	121.0	121.4	121.3	121.5	118.7
Year	Trucks												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	107.0	106.8	106.8	106.3	106.5	106.6	106.5	106.2	105.8	105.7	105.8	106.0	106.3
2019 ...	106.8	107.0	107.5	107.5	107.3	107.0	106.7	106.3	105.9	105.8	105.9	106.4	106.7
2020 ...	107.0	107.3	106.9	106.9	107.1	106.8	107.3	107.0	106.9	107.6	107.7	108.4	107.2
2021 ...	108.6	108.7	108.7	109.3	110.9	112.9	114.6	115.5	116.7	118.6	119.8	121.1	113.8
2022 ...	121.8	122.1	122.2	123.3	124.4	125.4	126.2	126.9	127.4	128.1	128.3	128.4	125.4

See footnote(s) at end of table.

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**Prices Paid Index Sub-Components as a Percent of 2011 Base, Monthly and Annual Average – United States: 2018-2022 (continued)**

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Tractors												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	108.6	108.6	108.6	108.6	108.6	108.7	108.7	108.7	108.7	108.7	112.3	112.3	110.9
2019 ....	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0	112.0
2020 ....	113.9	113.9	113.9	113.9	113.9	114.7	113.8	113.8	113.6	114.8	113.9	114.4	114.0
2021 ....	114.6	115.4	116.8	117.2	118.9	120.0	122.2	123.9	127.7	131.1	132.5	135.3	123.0
2022 ....	135.4	139.9	140.2	143.2	141.6	142.3	143.8	144.9	145.2	149.9	149.2	148.7	143.7
Year	Self-propelled												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	129.1	129.1	129.1	129.1	129.1	129.1	130.7	130.7	131.7	134.2	135.2	135.2	123.9
2019 ....	126.2	126.2	126.2	126.2	125.8	125.9	125.9	126.1	126.0	126.0	126.3	130.9	126.5
2020 ....	121.3	121.3	121.3	121.2	121.2	121.1	121.1	121.2	121.2	122.3	122.8	122.8	121.6
2021 ....	143.3	143.2	143.5	143.6	143.6	144.0	145.5	145.5	149.0	153.1	155.0	156.3	147.1
2022 ....	156.3	158.8	159.2	164.3	164.2	171.2	172.8	172.8	172.8	184.4	184.4	184.4	170.5
Year	Other machinery												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	127.9	126.8	126.8	126.8	127.5	127.5	127.9	127.9	128.1	128.4	128.4	129.6	121.0
2019 ....	125.0	125.1	125.3	125.5	125.0	127.7	127.6	127.6	127.6	127.7	127.0	127.4	126.5
2020 ....	133.0	132.9	133.3	133.6	133.5	134.4	135.0	136.0	135.7	135.7	135.0	135.7	134.5
2021 ....	139.9	141.8	144.8	147.9	149.7	152.9	156.1	160.3	166.5	170.6	175.6	178.2	157.0
2022 ....	179.0	187.0	186.3	188.1	187.7	187.6	189.1	191.6	192.4	191.7	190.1	188.9	188.3
Year	Custom rates												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	113.3	244.8
2019 ....	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4	118.4
2020 ....	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6	119.6
2021 ....	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7	114.7
2022 ....	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0
Year	Other services												Average <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	113.5	113.7	113.9	113.8	114.4	115.1	115.3	115.4	115.5	115.3	115.0	115.1	114.7
2019 ....	116.3	116.4	116.1	116.1	116.4	117.3	117.3	117.1	116.7	116.4	116.2	116.0	116.5
2020 ....	116.1	115.9	115.9	115.6	115.1	116.0	116.4	116.3	116.4	116.3	116.9	117.0	116.2
2021 ....	118.4	119.0	119.3	120.3	120.8	121.1	121.4	122.3	122.9	122.9	123.9	124.7	121.4
2022 ....	128.1	128.9	130.1	131.5	132.8	134.2	136.2	136.8	136.2	136.6	135.1	136.3	133.6
Year	Cash rent												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	126.0	125.8
2019 ....	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1
2020 ....	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4
2021 ....	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5	124.5
2022 ....	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1	126.1
Year	Share rent												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8	111.8
2019 ....	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6	108.6
2020 ....	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7	109.7
2021 ....	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5
2022 ....	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5	106.5

<sup>1</sup> Weighted index using 5-year average production expenditures.

**Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2018-2022**

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Commodities, services, interest, taxes, and wage rates (PPITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	2938	2963	2968	2959	2970	2962	2964	2966	2964	2978	2980	2984	2953
2019 ...	2994	2994	2997	3011	2996	2981	2985	2963	2952	2971	2975	2975	2983
2020 ...	3001	2992	2968	2935	2936	2941	2962	2970	2983	3006	3030	3050	2981
2021 ...	3068	3104	3138	3164	3190	3225	3257	3271	3281	3318	3346	3385	3229
2022 ...	3481	3537	3589	3654	3654	3669	3685	3702	3698	3708	3710	3709	3650
Year	Items used for production, interest, taxes, and wage rates (PITW)												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	3054	3081	3086	3074	3085	3075	3077	3079	3076	3092	3096	3103	3065
2019 ...	3117	3114	3115	3130	3109	3091	3095	3068	3055	3077	3082	3082	3095
2020 ...	3112	3099	3071	3035	3037	3040	3063	3071	3086	3113	3142	3166	3086
2021 ...	3186	3226	3264	3291	3317	3355	3392	3408	3418	3458	3490	3535	3362
2022 ...	3647	3709	3765	3841	3834	3844	3864	3885	3878	3888	3891	3892	3828
Year	Items used for production												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	2207	2230	2234	2230	2240	2231	2223	2225	2222	2233	2236	2242	2215
2019 ...	2241	2238	2240	2256	2239	2223	2223	2200	2188	2205	2209	2210	2223
2020 ...	2227	2216	2192	2164	2166	2168	2178	2185	2198	2217	2242	2263	2201
2021 ...	2270	2305	2338	2366	2389	2422	2442	2456	2465	2499	2527	2567	2420
2022 ...	2633	2687	2736	2810	2804	2813	2822	2841	2835	2842	2844	2845	2793
Year	Feed												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	1059	1108	1126	1144	1164	1143	1124	1124	1092	1088	1085	1100	1100
2019 ...	1146	1144	1146	1150	1150	1161	1153	1144	1135	1138	1136	1139	1145
2020 ...	1172	1168	1162	1162	1150	1138	1141	1134	1148	1185	1221	1251	1169
2021 ...	1224	1273	1298	1316	1379	1386	1382	1381	1356	1348	1361	1385	1341
2022 ...	1416	1460	1526	1577	1578	1573	1595	1613	1620	1592	1587	1583	1560
Year	Livestock & poultry												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	2229	2248	2177	2066	2036	2003	1987	1986	2049	2119	2075	2091	2098
2019 ...	2092	2071	2088	2202	2071	1919	1934	1879	1876	1963	2007	2025	2011
2020 ...	2119	2069	1946	1756	1785	1789	1838	1894	1929	1964	2018	2037	1929
2021 ...	2047	2093	2124	2180	2058	2083	2145	2177	2174	2230	2225	2312	2154
2022 ...	2383	2479	2418	2413	2315	2330	2397	2470	2448	2441	2498	2554	2429
Year	Seeds												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3893
2019 ...	3712	3712	3712	3712	3712	3712	3712	3712	3712	3712	3712	3712	3712
2020 ...	3719	3719	3719	3719	3719	3719	3719	3719	3719	3719	3719	3719	3719
2021 ...	3856	3856	3856	3856	3856	3856	3856	3856	3856	3856	3856	3856	3856
2022 ...	3856	3856	3856	3856	3856	3856	3856	3856	3856	3856	3856	3856	3856
Year	Fertilizer												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	804	833	839	839	843	837	833	833	845	865	880	883	803
2019 ...	911	920	911	903	895	881	856	840	834	828	811	787	865
2020 ...	799	794	805	818	826	814	806	802	814	829	843	860	818
2021 ...	865	905	935	970	1009	1076	1115	1124	1153	1234	1323	1435	1095
2022 ...	1490	1538	1604	1683	1679	1621	1513	1550	1540	1580	1601	1596	1583
Year	Chemicals												
	January	February	March	April	May	June	July	August	September	October	November	December	Annual <sup>1</sup>
2018 ...	900	909	941	936	925	925	900	911	878	871	963	965	904
2019 ...	920	905	897	895	896	911	924	858	797	847	855	839	879
2020 ...	859	859	843	844	855	860	860	860	860	848	867	862	856
2021 ...	882	850	882	893	885	922	908	926	946	990	990	990	922
2022 ...	1034	1034	1034	1340	1314	1350	1361	1366	1371	1401	1397	1422	1285

See footnote(s) at end of table.

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**Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2018-2022 (continued)**

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Fuels												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	1924	1910	1873	1952	2057	2050	2060	2066	2117	2122	1980	1843	1988
2019 ....	1899	1919	1974	2019	2002	1877	1885	1801	1829	1860	1902	1868	1903
2020 ....	1823	1734	1558	1440	1477	1575	1594	1605	1591	1602	1625	1767	1616
2021 ....	1748	1854	2025	1986	2033	2134	2215	2232	2318	2489	2469	2335	2153
2022 ....	2481	2679	3281	3208	3400	3544	3351	3055	2964	3011	3005	2652	3053
Year	Supplies & repairs												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	1287	1287	1290	1302	1308	1312	1321	1332	1336	1341	1340	1341	1316
2019 ....	1347	1347	1348	1349	1350	1350	1358	1356	1356	1358	1358	1358	1353
2020 ....	1362	1366	1365	1374	1374	1373	1378	1376	1378	1382	1382	1383	1374
2021 ....	1393	1398	1405	1420	1442	1476	1494	1503	1508	1521	1554	1558	1473
2022 ....	1578	1594	1602	1637	1640	1642	1658	1662	1663	1667	1667	1663	1639
Year	Autos & trucks												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	3261	3255	3255	3241	3246	3250	3247	3239	3227	3223	3229	3235	3242
2019 ....	3257	3266	3278	3278	3275	3266	3257	3244	3232	3229	3232	3244	3255
2020 ....	3266	3278	3263	3263	3266	3263	3275	3266	3266	3284	3287	3309	3274
2021 ....	3316	3318	3316	3333	3383	3442	3494	3524	3561	3615	3656	3696	3471
2022 ....	3718	3728	3730	3765	3801	3829	3855	3875	3891	3911	3917	3920	3828
Year	Machinery												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	7586	7559	7559	7559	7575	7577	7626	7626	7656	7723	7797	7825	7329
2019 ....	7489	7495	7495	7501	7483	7544	7544	7544	7550	7550	7538	7660	7533
2020 ....	7581	7581	7593	7593	7593	7623	7623	7648	7636	7685	7666	7685	7625
2021 ....	8289	8344	8436	8515	8582	8680	8821	8943	9224	9462	9645	9774	8893
2022 ....	9795	10101	10099	10307	10272	10449	10543	10616	10639	10969	10924	10889	10467
Year	Building materials												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	2620	2637	2671	2683	2712	2722	2726	2724	2729	2729	2723	2730	2700
2019 ....	2742	2751	2746	2756	2753	2746	2760	2749	2746	2744	2744	2744	2748
2020 ....	2758	2765	2781	2765	2765	2777	2793	2830	2879	2872	2858	2881	2810
2021 ....	2943	2995	3067	3151	3264	3347	3354	3351	3363	3405	3465	3532	3270
2022 ....	3655	3725	3797	3814	3847	3839	3847	3862	3844	3828	3814	3802	3806
Year	Services & rent												Annual <sup>1</sup>
	January	February	March	April	May	June	July	August	September	October	November	December	
2018 ....	2460	2462	2464	2464	2471	2478	2481	2482	2483	2481	2477	2479	2473
2019 ....	2710	2712	2708	2708	2712	2723	2723	2720	2715	2712	2709	2707	2713
2020 ....	2720	2718	2718	2714	2707	2719	2724	2723	2724	2723	2731	2732	2721
2021 ....	2730	2739	2743	2756	2762	2766	2771	2782	2790	2791	2804	2814	2771
2022 ....	2881	2892	2908	2926	2943	2961	2987	2995	2988	2993	2974	2989	2953

See footnote(s) at end of table.

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**Prices Paid Indexes as a Percent of 1910-1914 Base, Monthly and Annual Average – United States: 2018-2022 (continued)**

[Revised historical price indexes for months not shown are available at [www.nass.usda.gov](http://www.nass.usda.gov)]

Year	Interest												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ...	4183	4183	4183	4183	4183	4183	4183	4183	4183	4183	4183	4183	4183	4183
2019 ...	4166	4166	4166	4166	4166	4166	4166	4166	4166	4166	4166	4166	4166	4166
2020 ...	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992
2021 ...	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993
2022 ...	4119	4119	4119	4119	4119	4119	4119	4119	4119	4119	4119	4119	4119	4119
Year	Taxes												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ...	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952	6952
2019 ...	7145	7145	7145	7145	7145	7145	7145	7145	7145	7145	7145	7145	7145	7145
2020 ...	7529	7529	7529	7529	7529	7529	7529	7529	7529	7529	7529	7529	7529	7529
2021 ...	7721	7721	7721	7721	7721	7721	7721	7721	7721	7721	7721	7721	7721	7721
2022 ...	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008	8008	8009
Year	Wage rates												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ...	9010	9010	9010	8780	8780	8780	9138	9138	9138	9260	9260	9260	9260	9047
2019 ...	9574	9574	9574	9414	9414	9414	9542	9542	9542	9613	9613	9613	9613	9536
2020 ...	9779	9779	9779	9645	9645	9645	9997	9997	9997	10157	10157	10157	10157	9895
2021 ...	10374	10374	10374	10221	10221	10221	10618	10618	10618	10618	10618	10618	10618	10458
2022 ...	11283	11283	11283	11021	11021	11021	11283	11283	11283	11341	11341	11341	11341	11232
Year	Family living												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ...	2355	2365	2371	2380	2390	2394	2394	2395	2398	2402	2394	2387	2385	2385
2019 ...	2391	2402	2415	2428	2434	2434	2438	2438	2440	2445	2445	2443	2429	2429
2020 ...	2451	2458	2453	2436	2436	2449	2462	2470	2472	2475	2472	2475	2459	2459
2021 ...	2486	2499	2517	2538	2558	2582	2594	2599	2606	2628	2641	2649	2575	2575
2022 ...	2671	2696	2732	2747	2777	2816	2815	2814	2820	2832	2829	2820	2781	2781
Year	Commodities, services, interest, taxes, and wage rates Adjusted for productivity												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ...	1622	1627	1629	1613	1616	1615	1639	1640	1640	1651	1650	1650	1631	1631
2019 ...	1687	1688	1690	1682	1681	1678	1688	1685	1683	1692	1692	1692	1687	1687
2020 ...	1724	1723	1719	1702	1703	1705	1734	1736	1738	1753	1757	1760	1730	1730
2021 ...	1793	1799	1807	1802	1808	1816	1851	1853	1856	1864	1870	1876	1833	1833
2022 ...	1981	1993	2005	1997	2000	2007	2029	2031	2031	2038	2038	2037	2016	2016
Year	Parity ratio <sup>2</sup>												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ...	30	32	33	32	33	33	32	31	31	30	31	31	32	32
2019 ...	30	31	32	32	32	32	32	32	31	30	31	32	31	31
2020 ...	31	31	32	29	30	31	30	30	31	30	32	31	31	31
2021 ...	30	32	32	34	34	34	34	35	34	33	33	34	33	33
2022 ...	33	35	37	38	38	38	38	37	37	36	37	38	37	37
Year	Adjusted parity ratio (PPITW) <sup>3</sup>												Annual <sup>1</sup>	
	January	February	March	April	May	June	July	August	September	October	November	December		
2018 ...	31	33	34	33	34	34	33	32	32	31	32	32	33	33
2019 ...	32	33	34	34	34	34	34	34	33	32	33	34	34	33
2020 ...	35	35	36	33	34	35	34	34	35	34	36	35	35	35
2021 ...	32	34	34	36	36	36	36	37	36	35	35	36	35	35
2022 ...	34	36	38	39	39	39	39	38	38	37	38	39	38	38

<sup>1</sup> Weighted index using 5-year average production expenditures.

<sup>2</sup> Ratio of index of prices received to index of prices paid for commodities, services, interest, taxes, and wage rates.

<sup>3</sup> Ratio of the index of prices received after adjustment for government payments to the index of prices paid for commodities, services, interest, taxes, and wage rates.

## Feed Ratios Monthly and Annual Average – United States: 2018-2023

[Annual average is a simple average of monthly ratios, January through December]

Year	Broiler <sup>1</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2018	5.3	5.1	5.7	6.1	6.7	7.0	6.7	5.2	4.8	4.8	5.2	5.3	5.7
2019	5.8	5.1	5.3	5.8	6.1	5.4	4.8	4.3	4.0	4.1	4.1	4.5	4.9
2020	4.9	4.2	4.4	2.4	3.8	4.0	3.7	3.3	2.9	3.0	3.5	3.8	3.7
2021	3.5	3.1	3.0	3.6	3.6	3.7	3.7	3.6	4.2	4.3	4.3	5.1	3.8
2022	5.3	4.5	5.1	5.7	5.7	5.5	5.2	4.2	4.2	4.3	4.3	4.2	4.9
Year	Market Egg <sup>2</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2018	11.6	12.8	22.1	11.2	6.8	9.3	10.5	11.0	8.6	8.5	11.7	11.7	11.3
2019	9.3	7.9	7.0	4.3	2.4	4.4	2.4	6.5	5.2	4.9	10.8	8.3	6.1
2020	5.6	7.4	18.7	10.1	6.3	5.5	6.0	6.3	6.6	8.5	7.7	4.7	7.8
2021	6.6	6.3	7.5	4.4	3.7	3.6	4.1	5.8	6.2	5.4	7.0	9.3	5.8
2022	9.8	8.5	9.2	13.8	11.4	11.4	16.1	11.2	17.0	19.7	23.6	32.2	15.3
Year	Turkey <sup>3</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2018	5.7	5.5	5.2	5.2	5.1	5.3	5.7	5.8	5.9	5.7	6.0	5.5	5.5
2019	5.6	5.8	5.9	6.3	6.1	6.1	6.2	6.6	7.0	7.0	7.5	6.9	6.4
2020	6.7	7.0	7.4	7.9	8.3	8.5	8.7	8.7	8.6	8.2	7.3	6.9	7.9
2021	6.5	5.9	5.8	5.7	5.5	5.8	5.8	6.0	7.2	7.3	6.3	6.1	6.2
2022	6.2	5.8	5.6	5.5	5.5	6.0	6.3	6.6	7.3	8.1	8.1	7.6	6.5
Year	Milk <sup>4</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2018	2.20	2.03	1.98	1.90	1.90	1.97	1.93	2.06	2.13	2.22	2.21	2.07	2.05
2019	2.06	2.07	2.13	2.11	2.12	2.09	2.16	2.26	2.34	2.42	2.65	2.57	2.25
2020	2.42	2.35	2.25	1.85	1.77	2.37	2.70	2.52	2.30	2.51	2.60	2.19	2.32
2021	2.00	1.80	1.76	1.75	1.65	1.56	1.52	1.48	1.66	1.84	1.92	1.96	1.74
2022	2.16	2.06	2.04	1.96	1.98	1.93	1.79	1.70	1.74	1.92	1.93	1.84	1.92
Year	Hog-Corn <sup>5</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2018	16.0	16.2	14.2	12.7	14.0	16.5	16.9	13.2	12.7	14.7	13.5	12.3	14.4
2019	12.5	12.1	12.9	16.8	17.2	14.9	13.6	14.9	12.6	12.8	13.0	12.7	13.8
2020	12.6	12.0	13.0	12.9	15.9	13.1	12.4	13.8	14.6	15.6	13.7	12.4	13.5
2021	11.8	11.9	13.7	14.2	13.4	13.8	13.1	12.5	12.9	13.0	11.1	10.3	12.7
2022	10.5	11.3	11.4	10.8	10.5	10.7	11.4	11.9	10.4	10.8	10.3	9.5	10.8
Year	Steer & Heifer-Corn <sup>6</sup>												
	January	February	March	April	May	June	July	August	September	October	November	December	Average
2018	37.4	37.6	36.2	34.1	33.2	31.6	32.3	33.3	32.4	32.7	33.7	33.6	34.0
2019	34.8	35.0	35.7	36.3	33.6	28.9	27.2	28.5	27.4	28.3	31.3	32.3	31.6
2020	33.0	32.3	31.0	33.7	34.7	34.8	30.5	33.3	30.8	29.9	28.8	28.0	31.7
2021	26.4	24.2	23.7	22.8	20.5	20.5	20.4	19.8	23.2	25.1	25.1	25.8	23.1
2022	24.9	23.2	21.6	20.1	19.8	19.2	19.9	19.9	20.5	22.8	23.7	24.0	21.6

<sup>1</sup> The price of commercial prepared broiler feed is based on current United States prices received for corn and soybeans. The modeled feed ration uses 58 percent corn and 42 percent soybeans.

<sup>2</sup> The price of commercial prepared layer feed is based on current United States prices received for corn and soybeans. The modeled feed ration uses 75 percent corn and 25 percent soybeans.

<sup>3</sup> The price of commercial prepared turkey feed is based on current United States prices received for corn, soybeans, and wheat. The modeled feed ration uses 51 percent corn, 28 percent soybeans, and 21 percent wheat.

<sup>4</sup> The price of commercial prepared dairy feed is based on current United States prices received for corn, soybeans, and alfalfa. The modeled feed ration uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa.

<sup>5</sup> Number of bushels of corn equal in value to 100 pounds of all hogs, live weight.

<sup>6</sup> Number of bushels of corn equal in value to 100 pounds of steers & heifers, live weight.

## Reliability of Prices Paid Estimates

**Definition:** Prices paid by farmers represent the average costs of inputs purchased by farmers and ranchers to produce agricultural commodities. Conceptually, the average price when multiplied by quantity purchased should equal total producer expenditures for the item.

**Survey procedures:** The prices paid data are obtained from establishments that sell goods and services to farmers and ranchers. Annually, about 8,500 firms are randomly selected from lists by type of item sold with an average response rate in the range of 75-80 percent. Firms are asked to report the price for the specified item "most commonly bought by farmers" or that was the "volume seller". Approximately 135 items are surveyed each March to represent all production input items purchased. The survey reference period for all items is the full preceding calendar year. Separate prices paid surveys are conducted for agricultural chemicals, fuels, feed, fertilizer, machinery, and seed.

**Summary and estimation procedures:** The annual March Prices Paid Survey is summarized as a non-probability survey. Average prices reported are aggregated to the region and United States level using weights available from expenditure data and other administrative sources. Price recommendations are prepared by the Regional Field Offices and Headquarters for review by the Agricultural Statistics Board in Washington, D.C. Also, the change in price level for individual items surveyed are combined to the regional and United States levels, and are published as prices paid indexes referenced to a specific base period. Prices paid indexes for new autos and trucks, building materials, farm supplies, motor supplies, and marketing containers are updated based on price changes measured in selected Bureau of Labor Statistics (BLS) indexes.

**Revisions:** Any revisions are published in the monthly and in annual issues of Agricultural Prices. The basis for revision must be supported by additional data that directly affect the level of the estimate. More revisions are likely for March when separate prices paid surveys are conducted, in lieu of BLS indexes, by the USDA to measure price change.

**Reliability:** Current methods of summarization for the March data are not designed directly to calculate sampling errors. However, analytical measures approximate the United States relative sampling errors for major items around 10 percent. Any non-sampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these non-sampling errors.

**Program Changes:** See Price Program Links at the end of this report for details on program changes to the Prices Program methodology.

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- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist [notifications@usda-esmis.library.cornell.edu](mailto:notifications@usda-esmis.library.cornell.edu) in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@usda.gov](mailto:nass@usda.gov).

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## Price Program Links

Economics and Prices

[http://www.nass.usda.gov/Statistics\\_by\\_Subject/Economics\\_and\\_Prices/index.php](http://www.nass.usda.gov/Statistics_by_Subject/Economics_and_Prices/index.php)

Agricultural Prices Program and Survey

[https://www.nass.usda.gov/Surveys/Guide\\_to\\_NASS\\_Surveys/Prices/](https://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/)

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